

# TRC

Customer-Focused Solutions

January 17, 2005

TRC  
1590 Solano Way Suite A  
Concord, CA 94520

ATTN: MR. ROGER BATRA

SITE: 76 STATION 4320  
370 SEBASTOPOL ROAD  
SANTA ROSA, CALIFORNIA

RE: QUARTERLY MONITORING REPORT  
OCTOBER THROUGH DECEMBER 2004

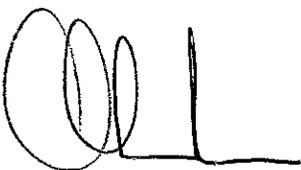
This Quarterly Monitoring Report for 76 Station 4320 is being sent to you for your review/comment, prior to being distributed on your behalf. If no comments are received by **January 24, 2005**, this report will be distributed to the following:

Mr. Bill Erdei, RWQCB - North Coast Region  
Ms. Elizabeth Cargay, Winzler & Kelly Consulting Engineers

Please send all comments to me at [cherrera@trcsolutions.com](mailto:cherrera@trcsolutions.com). If you have any questions regarding this report, please call me at (949) 727-7345.

Sincerely,

TRC



Christina Carrillo  
Technical Writer



Customer-Focused Solutions

January 17, 2005

ConocoPhillips Company  
76 Broadway  
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

SITE: 76 STATION 4320  
370 SEBASTOPOL ROAD  
SANTA ROSA, CALIFORNIA

RE: QUARTERLY MONITORING REPORT  
OCTOBER THROUGH DECEMBER 2004

Dear Mr. Kosel:

Please find enclosed our Quarterly Monitoring Report for 76 Station 4320, located at 370 Sebastopol Road, Santa Rosa, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

Anju Farfan  
QMS Operations Manager

CC: Mr. Bill Erdei, RWQCB – North Coast Region  
Ms. Elizabeth Cargay, Winzler & Kelly Consulting Engineers  
Mr. William Rufino, The Exchange Bank  
Mr. Roger Batra, TRC

Enclosures  
20-0400/4320R05.QMS



Customer-Focused Solutions

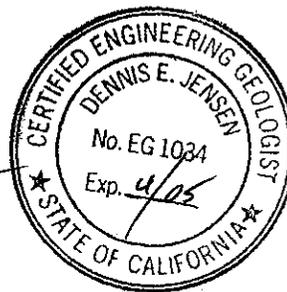
**QUARTERLY MONITORING REPORT  
OCTOBER THROUGH DECEMBER 2004**

76 STATION 4320  
370 Sebastopol Road  
Santa Rosa, California

Prepared For:

Mr. Thomas H. Kosel  
CONOCOPHILLIPS COMPANY  
76 Broadway  
Sacramento, California 95818

By:



Senior Project Geologist, Irvine Operations  
January 15, 2005

## LIST OF ATTACHMENTS

<b>Summary Sheet</b>	Summary of Gauging and Sampling Activities
<b>Tables</b>	Table Key Table 1: Current Fluid Levels and Selected Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 3: Additional Analytical Results
<b>Figures</b>	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
<b>Graphs</b>	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
<b>Field Activities</b>	General Field Procedures Groundwater Sampling Field Notes
<b>Laboratory Reports</b>	Official Laboratory Reports Quality Control Reports Chain of Custody Records
<b>Statements</b>	Purge Water Disposal Limitations

**Summary of Gauging and Sampling Activities**  
**October 2004 through December 2004**  
**76 Station 4320**  
**370 Sebastopol Road**  
**Santa Rosa, CA**

Project Coordinator: **Thomas Kosel**  
Telephone: **916-558-7666**

Water Sampling Contractor: **TRC**  
Compiled by: **Chrisitna Carrillo**

Date(s) of Gauging/Sampling Event: **12/13/04**

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**Sample Points**

Groundwater wells: **10** onsite, **4** offsite      Wells gauged: **13**      Wells sampled: **6**  
Purging method: **Diaphragm pump**  
Purge water disposal: **Onyx/Rodeo Unit 100**  
Other Sample Points: **0**      Type: **n/a**

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**Liquid Phase Hydrocarbons (LPH)**

Wells with LPH: **0**      Maximum thickness (feet): **n/a**  
LPH removal frequency: **n/a**      Method: **n/a**  
Treatment or disposal of water/LPH: **n/a**

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**Hydrogeologic Parameters**

Depth to groundwater (below TOC):      Minimum: **7.87 feet**      Maximum: **10.34 feet**  
Average groundwater elevation (relative to available local datum): **134.58 feet**  
Average change in groundwater elevation since previous event: **3.69 feet**  
Interpreted groundwater gradient and flow direction:  
    Current event: **0.002 ft/ft, west**  
    Previous event: **0.001 ft/ft, west (09/28/04)**

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**Selected Laboratory Results**

Wells with detected **Benzene**: **0**      Wells above MCL (1.0 µg/l): **n/a**  
    Maximum reported benzene concentration: **n/a**

Wells with **TPH-G**      **4**      Maximum: **1,900 µg/l (MW-6)**  
Wells with **MTBE**      **4**      Maximum: **180 µg/l (MW-5)**

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**Notes:**

MW-1=Sampled Semi-Annually, MW-10=Sampled Semi-Annually, MW-11=Sampled Semi-Annually,  
MW-12=Sampled Semi-Annually, MW-13=paved over, MW-2=Sampled Semi-Annually, MW-  
7=Sampled Semi-Annually, MW-8=Sampled Semi-Annually,

# TABLES

## TABLE KEY

### STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
µg/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND <	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

### ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TPPH	=	total purgeable petroleum hydrocarbons
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

### NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as:  $\text{Surface Elevation} - \text{Measured Depth to Water} + (\text{Dp} \times \text{LPH Thickness})$ , where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to resurvey.
9. Historical data has been validated for this report. Values presented in the following tables supercede those from previous reports.

### REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 4320 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

**Table 1**  
**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
 December 13, 2004  
 76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPH 8260B (µg/l)	TPPH (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 12/13/04	144.20	9.75	0.00	134.45	3.73	--	--	--	--	--	--	--	--	--	Sampled Semi-Annually
MW-2 12/13/04	143.91	9.42	0.00	134.49	3.68	--	--	--	--	--	--	--	--	--	Sampled Semi-Annually
MW-3 12/13/04	144.23	9.76	0.00	134.47	3.56	780	--	--	ND<2.5	ND<2.5	4.1	ND<2.5	27	23	
MW-4 12/13/04	144.64	10.07	0.00	134.57	3.75	69	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
MW-5 12/13/04	144.16	9.68	0.00	134.48	3.57	980	--	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	150	180	
MW-6 12/13/04	143.20	8.77	0.00	134.43	3.44	1900	--	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	140	130	
MW-7 12/13/04	144.18	9.48	0.00	134.70	3.58	--	--	--	--	--	--	--	--	--	Sampled Semi-Annually
MW-8 12/13/04	144.79	9.00	0.00	135.79	4.70	--	--	--	--	--	--	--	--	--	Sampled Semi-Annually
MW-9 12/13/04	145.18	10.34	0.00	134.84	3.82	ND<50	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
MW-10 12/13/04	142.69	8.27	0.00	134.42	3.73	--	--	--	--	--	--	--	--	--	Sampled Semi-Annually
MW-11 12/13/04	142.22	7.87	0.00	134.35	3.58	--	--	--	--	--	--	--	--	--	Sampled Semi-Annually
MW-12 12/13/04	143.28	8.73	0.00	134.55	3.50	--	--	--	--	--	--	--	--	--	Sampled Semi-Annually
MW-13															

Table 1  
**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
 December 13, 2004  
 76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-13	continued													
12/13/04	143.04	--	--	--	--	--	--	--	--	--	--	--	--	paved over
MW-14														
12/13/04	142.77	8.81	0.00	133.96	3.32	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	3.8	

Table 2  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
 May 1990 Through December 2004  
 76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1														
05/04/90	--	--	--	--	--	ND	--	ND	0.43	ND	ND	--	--	
10/10/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/01/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/05/91	--	--	--	--	--	37	--	ND	ND	ND	ND	--	--	
12/09/91	--	--	--	--	--	90	--	4.1	ND	ND	1.7	--	--	
03/12/92	--	--	--	--	--	81	--	2.2	ND	ND	4.8	--	--	
06/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/21/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/09/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/09/93	144.45	6.68	0.00	137.77	--	--	--	--	--	--	--	--	--	
02/04/93	144.45	9.84	0.00	134.61	-3.16	--	--	--	--	--	--	--	--	
03/13/93	144.45	7.38	0.00	137.07	2.46	450	--	ND	ND	ND	ND	--	--	
04/17/93	144.45	8.02	0.00	136.43	-0.64	--	--	--	--	--	--	--	--	
05/15/93	144.45	9.18	0.00	135.27	-1.16	--	--	--	--	--	--	--	--	
06/17/93	144.45	9.58	0.00	134.87	-0.40	ND	--	ND	ND	ND	ND	--	--	
07/17/93	144.45	11.08	0.00	133.37	-1.50	--	--	--	--	--	--	--	--	
08/14/93	144.45	11.90	0.00	132.55	-0.82	--	--	--	--	--	--	--	--	
09/18/93	144.45	12.96	0.00	131.49	-1.06	ND	--	ND	ND	ND	ND	--	--	
10/16/93	144.04	11.96	0.00	132.08	0.59	--	--	--	--	--	--	--	--	
12/11/93	144.04	9.78	0.00	134.26	2.18	ND	--	ND	ND	ND	ND	--	--	
03/12/94	144.04	8.20	0.00	135.84	1.58	ND	--	ND	ND	ND	ND	--	--	
06/11/94	144.04	10.46	0.00	133.58	-2.26	ND	--	ND	ND	ND	ND	--	--	
09/17/94	144.04	13.67	0.00	130.37	-3.21	ND	--	ND	ND	ND	ND	--	--	

Table 2  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
 May 1990 Through December 2004  
 76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued														
12/17/94	144.04	8.60	0.00	135.44	5.07	ND	--	ND	ND	ND	ND	--	--	
03/18/95	144.04	5.19	0.00	138.85	3.41	ND	--	ND	ND	ND	ND	--	--	
06/24/95	144.04	9.25	0.00	134.79	-4.06	ND	--	ND	ND	ND	ND	--	--	
09/23/95	144.04	12.25	0.00	131.79	-3.00	ND	--	ND	ND	ND	ND	--	--	
12/16/95	144.04	8.98	0.00	135.06	3.27	ND	--	ND	ND	ND	ND	ND	--	
03/23/96	144.04	6.93	0.00	137.11	2.05	ND	--	ND	ND	ND	ND	ND	--	
06/29/96	144.04	9.47	0.00	134.57	-2.54	--	--	--	--	--	--	--	--	SAMPLED SEMI-ANNUALLY
09/28/96	144.04	12.25	0.00	131.79	-2.78	ND	--	ND	ND	ND	ND	ND	--	
12/07/96	144.04	10.18	0.00	133.86	2.07	--	--	--	--	--	--	--	--	
03/29/97	144.04	8.30	0.00	135.74	1.88	ND	--	ND	ND	ND	ND	ND	--	
06/28/97	144.04	11.22	0.00	132.82	-2.92	--	--	--	--	--	--	--	--	
09/27/97	144.04	13.36	0.00	130.68	-2.14	ND	--	ND	ND	ND	ND	ND	--	
12/29/97	144.04	8.54	0.00	135.50	4.82	--	--	--	--	--	--	--	--	
03/17/98	144.04	5.79	0.00	138.25	2.75	ND	--	ND	ND	ND	ND	ND	--	
06/18/98	144.04	8.11	0.00	135.93	-2.32	--	--	--	--	--	--	--	--	
09/16/98	144.04	11.58	0.00	132.46	-3.47	ND	--	ND	ND	ND	ND	ND	--	
12/30/98	144.04	9.55	0.00	134.49	2.03	--	--	--	--	--	--	--	--	
03/18/99	144.04	6.34	0.00	137.70	3.21	ND	--	ND	ND	ND	ND	ND	--	
06/16/99	144.04	9.68	0.00	134.36	-3.34	--	--	--	--	--	--	--	--	
09/23/99	144.04	12.78	0.00	131.26	-3.10	ND	--	ND	ND	ND	ND	ND	--	
12/23/99	144.04	11.84	0.00	132.20	0.94	--	--	--	--	--	--	--	--	
03/31/00	144.04	7.22	0.00	136.82	4.62	ND	--	ND	ND	ND	ND	ND	--	
06/15/00	144.04	9.62	0.00	134.42	-2.40	ND	--	ND	ND	ND	ND	ND	ND	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through December 2004**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued														
09/22/00	144.04	12.81	0.00	131.23	-3.19	ND	--	ND	ND	ND	ND	ND	--	Sampled Semi-Annually
12/21/00	144.04	11.74	0.00	132.30	--	--	--	--	--	--	--	--	--	
03/15/01	144.04	7.41	0.00	136.63	4.33	ND	--	ND	ND	ND	ND	ND	--	
06/14/01	144.04	11.17	0.00	132.87	-3.76	--	--	--	--	--	--	--	--	
09/11/01	144.20	13.53	0.00	130.67	-2.20	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
10/16/01	144.20	14.12	0.00	130.08	-0.59	--	--	--	--	--	--	--	--	
11/13/01	144.20	12.11	0.00	132.09	2.01	--	--	--	--	--	--	--	--	Sampled Semi-Annually
12/11/01	144.20	7.01	0.00	137.19	5.10	--	--	--	--	--	--	--	--	
01/15/02	144.20	6.95	0.00	137.25	0.06	--	--	--	--	--	--	--	--	
02/12/02	144.20	7.25	0.00	136.95	-0.30	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
03/12/02	144.20	6.86	0.00	137.34	0.39	--	--	--	--	--	--	--	--	
04/16/02	144.20	8.48	0.00	135.72	-1.62	--	--	--	--	--	--	--	--	
05/14/02	144.20	9.49	0.00	134.71	-1.01	--	--	--	--	--	--	--	--	Sampled Semi-Annually
06/11/02	144.20	10.30	0.00	133.90	-0.81	--	--	--	--	--	--	--	--	
07/16/02	144.20	11.80	0.00	132.40	-1.50	--	--	--	--	--	--	--	--	
08/13/02	144.20	12.57	0.00	131.63	-0.77	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/10/02	144.20	13.37	0.00	130.83	-0.80	--	--	--	--	--	--	--	--	Sampled Semi-Annually
12/10/02	144.20	12.29	0.00	131.91	1.08	--	--	--	--	--	--	--	--	
03/12/03	144.20	7.71	0.00	136.49	4.58	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	Sampled Semi-Annually
06/11/03	144.20	8.97	0.00	135.23	-1.26	--	--	--	--	--	--	--	--	
09/10/03	144.20	12.11	0.00	132.09	-3.14	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Sampled Semi-Annually
12/10/03	144.20	10.34	0.00	133.86	1.77	--	--	--	--	--	--	--	--	Monitored Only
03/23/04	144.20	7.45	0.00	136.75	2.89	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	Monitored Only
06/22/04	144.20	10.77	0.00	133.43	-3.32	--	--	--	--	--	--	--	--	Monitored Only

Table 2  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
 May 1990 Through December 2004  
 76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued														
09/28/04	144.20	13.48	0.00	130.72	-2.71	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	Sampled Semi-Annually
12/13/04	144.20	9.75	0.00	134.45	3.73	--	--	--	--	--	--	--	--	
MW-2														
05/04/90	--	--	--	--	--	68	--	ND	1.1	ND	ND	--	--	
10/10/90	--	--	--	--	--	ND	--	ND	1.4	ND	ND	--	--	
03/01/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/03/91	--	--	--	--	0.00	ND	--	ND	ND	ND	ND	--	--	
06/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/05/91	--	--	--	--	--	100	--	ND	ND	ND	ND	--	--	
12/09/91	--	--	--	--	--	310	--	5.4	ND	2.2	0.32	--	--	
03/12/92	--	--	--	--	--	100	--	0.64	ND	ND	5.4	--	--	
06/13/92	--	--	--	--	--	120	--	ND	ND	ND	ND	--	--	
09/21/92	--	--	--	--	--	130	--	ND	ND	ND	ND	290	--	
12/09/92	--	--	--	--	--	190	--	ND	ND	ND	ND	790	--	
01/09/93	144.10	6.34	--	137.76	--	--	--	--	--	--	--	--	--	
02/04/93	144.10	9.46	--	134.64	-3.12	--	--	--	--	--	--	--	--	
03/13/93	144.10	6.89	--	137.21	2.57	630	--	ND	ND	ND	ND	78	--	
04/17/93	144.10	7.64	--	136.46	-0.75	--	--	--	--	--	--	--	--	
05/15/93	144.10	8.77	--	135.33	-1.13	--	--	--	--	--	--	--	--	
06/17/93	144.10	9.30	--	134.80	-0.53	ND	--	ND	ND	ND	ND	65	--	
07/17/93	144.10	10.67	--	133.43	-1.37	--	--	--	--	--	--	--	--	
08/14/93	144.10	11.50	--	132.60	-0.83	--	--	--	--	--	--	--	--	
09/18/93	144.10	12.59	--	131.51	-1.09	ND	--	ND	ND	ND	ND	62	--	
10/16/93	143.77	11.71	--	132.06	0.55	--	--	--	--	--	--	--	--	

Table 2  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
 May 1990 Through December 2004  
 76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
12/11/93	143.77	9.54	--	134.23	2.17	ND	--	ND	ND	ND	ND	--	--	
03/12/94	143.77	7.84	--	135.93	1.70	ND	--	ND	ND	ND	ND	--	--	
06/11/94	143.77	10.10	--	133.67	-2.26	ND	--	ND	ND	ND	ND	--	--	
09/17/94	143.77	13.33	--	130.44	-3.23	56	--	ND	ND	ND	ND	--	--	
12/17/94	143.77	8.31	--	135.46	5.02	ND	--	ND	ND	ND	ND	--	--	
03/18/95	143.77	4.77	--	139.00	3.54	ND	--	ND	ND	ND	ND	--	--	
06/24/95	143.77	8.90	--	134.87	-4.13	ND	--	ND	ND	ND	ND	--	--	
09/23/95	143.77	11.93	--	131.84	-3.03	ND	--	ND	ND	ND	ND	--	--	
12/16/95	143.77	8.75	--	135.02	3.18	ND	--	0.96	0.77	ND	1.1	16	--	
03/23/96	143.77	6.51	--	137.26	2.24	ND	--	ND	ND	ND	ND	ND	--	
06/29/96	143.77	9.11	--	134.66	-2.60	--	--	--	--	--	--	--	--	
09/28/96	143.77	11.92	--	131.85	-2.81	ND	--	ND	ND	ND	ND	ND	--	
12/07/96	143.77	9.87	--	133.90	2.05	--	--	--	--	--	--	--	--	
03/29/97	143.77	7.68	--	136.09	2.19	ND	--	ND	ND	ND	ND	14	--	
06/28/97	143.77	10.83	--	132.94	-3.15	--	--	--	--	--	--	--	--	
09/27/97	143.77	12.97	--	130.80	-2.14	ND	--	ND	ND	ND	ND	5.4	--	
12/29/97	143.77	8.12	--	135.65	4.85	--	--	--	--	--	--	--	--	
03/17/98	143.77	5.11	--	138.66	3.01	ND	--	ND	ND	ND	ND	ND	--	
06/18/98	143.77	7.38	--	136.39	-2.27	--	--	--	--	--	--	--	--	
09/16/98	143.77	11.22	--	132.55	-3.84	ND	--	ND	ND	ND	ND	ND	--	
12/30/98	143.77	9.18	--	134.59	2.04	--	--	--	--	--	--	--	--	
03/18/99	143.77	5.87	--	137.90	3.31	ND	--	ND	ND	ND	ND	3	--	
06/16/99	143.77	9.28	--	134.49	-3.41	--	--	--	--	--	--	--	--	
09/23/99	143.77	12.41	--	131.36	-3.13	ND	--	ND	ND	ND	ND	2.6	--	

Sampled Semi-Annually

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through December 2004**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
12/23/99	143.77	11.47	--	132.30	0.94	--	--	--	--	--	--	--	--	
03/31/00	143.77	6.71	--	137.06	4.76	ND	--	ND	ND	ND	ND	ND	--	
06/15/00	143.77	9.24	--	134.53	-2.53	ND	--	ND	ND	ND	ND	3	ND	
12/20/00	143.77	12.26	--	131.51	--	ND	--	ND	ND	ND	ND	ND	--	
12/21/00	143.77	11.32	--	132.45	0.94	--	--	--	--	--	--	--	--	
03/15/01	143.77	6.87	--	136.90	4.45	ND	--	ND	ND	ND	ND	ND	--	Sampled Semi-Annually
06/14/01	143.77	10.61	--	133.16	-3.74	--	--	--	--	--	--	--	--	
09/11/01	143.91	13.18	--	130.73	-2.43	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
10/16/01	143.91	13.76	--	130.15	-0.58	--	--	--	--	--	--	--	--	
11/13/01	143.91	11.81	--	132.10	1.95	--	--	--	--	--	--	--	--	Sampled Semi-Annually
12/11/01	143.91	6.73	--	137.18	5.08	--	--	--	--	--	--	--	--	
01/15/02	143.91	6.70	--	137.21	0.03	--	--	--	--	--	--	--	--	
02/12/02	143.91	6.85	--	137.06	-0.15	190	--	2.9	4.6	0.76	2.2	3.2	--	
03/12/02	143.91	6.39	--	137.52	0.46	--	--	--	--	--	--	--	--	
04/16/02	143.91	8.07	--	135.84	-1.68	--	--	--	--	--	--	--	--	
05/14/02	143.91	9.11	--	134.80	-1.04	--	--	--	--	--	--	--	--	Sampled Semi-Annually
06/11/02	143.91	9.92	--	133.99	-0.81	--	--	--	--	--	--	--	--	
07/16/02	143.91	11.37	--	132.54	-1.45	--	--	--	--	--	--	--	--	
08/13/02	143.91	12.17	--	131.74	-0.80	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/10/02	143.91	12.95	--	130.96	-0.78	--	--	--	--	--	--	--	--	
12/10/02	143.91	12.06	--	131.85	0.89	--	--	--	--	--	--	--	--	Sampled Semi-Annually
03/12/03	143.91	7.32	--	136.59	4.74	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
06/11/03	143.91	8.57	--	135.34	-1.25	--	--	--	--	--	--	--	--	Sampled Semi-Annually
09/10/03	143.91	12.05	0.00	131.86	-3.48	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through December 2004**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-2 continued</b>														
12/10/03	143.91	10.10	0.00	133.81	1.95	--	--	--	--	--	--	--	--	Monitored Only
03/23/04	143.91	6.97	0.00	136.94	3.13	--	--	--	--	--	--	--	--	
06/22/04	143.91	10.45	0.00	133.46	-3.48	--	--	--	--	--	--	--	--	Monitored Only
09/28/04	143.91	13.10	0.00	130.81	-2.65	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	
12/13/04	143.91	9.42	0.00	134.49	3.68	--	--	--	--	--	--	--	--	Sampled Semi-Annually
<b>MW-3</b>														
05/04/90	--	--	--	--	--	35000	--	310	ND	60	3700	--	--	
10/10/90	--	--	--	--	--	29000	--	240	18	1800	3300	--	--	
03/01/91	--	--	--	--	--	22000	--	120	94	920	1800	--	--	
06/03/91	--	--	--	--	--	18000	--	95	4.9	660	1400	--	--	
09/05/91	--	--	--	--	--	16000	--	97	ND	1200	1500	--	--	
12/09/91	--	--	--	--	--	4000	--	14	2.6	190	150	--	--	
03/12/92	--	--	--	--	--	5300	--	140	24	500	720	--	--	
06/13/92	--	--	--	--	--	9900	--	92	8.6	510	330	--	--	
09/21/92	--	--	--	--	--	10000	--	130	ND	300	610	--	--	
12/09/92	--	--	--	--	--	11000	--	82	ND	36	60	--	--	
01/09/93	144.38	6.59	0.00	137.79	--	--	--	--	--	--	--	--	--	
02/04/93	144.38	9.66	0.00	134.72	-3.07	--	--	--	--	--	--	--	--	
03/13/93	144.38	6.83	0.00	137.55	2.83	8300	--	21	ND	180	140	3500	--	
04/17/93	144.38	7.69	0.00	136.69	-0.86	--	--	--	--	--	--	--	--	
05/15/93	144.38	8.77	0.00	135.61	-1.08	--	--	--	--	--	--	--	--	
06/17/93	144.38	9.35	0.00	135.03	-0.58	9200	--	39	ND	170	110	10000	--	
07/17/93	144.38	10.70	0.00	133.68	-1.35	--	--	--	--	--	--	--	--	
08/14/93	144.38	11.61	0.00	132.77	-0.91	--	--	--	--	--	--	--	--	

Table 2

## HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1990 Through December 2004

76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
09/18/93	144.12	12.66	0.00	131.46	-1.31	9900	--	68	ND	350	590	--	--	
10/16/93	144.12	12.14	0.00	131.98	0.52	--	--	--	--	--	--	--	--	
12/11/93	144.12	9.57	0.00	134.55	2.57	1500	--	ND	5.5	5.4	5.4	--	--	
03/12/94	144.12	7.90	0.00	136.22	1.67	11000	--	32	ND	330	400	--	--	
06/11/94	144.12	10.13	0.00	133.99	-2.23	5000	--	ND	ND	110	73	--	--	
09/17/94	144.12	13.61	0.00	130.51	-3.48	16000	--	150	31	720	820	--	--	
12/17/94	144.12	8.39	0.00	135.73	5.22	7600	--	ND	ND	320	290	--	--	
03/18/95	144.12	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible site construction
06/24/95	144.12	8.77	0.00	135.35	--	10000	--	26	21	370	360	--	--	
09/23/95	144.12	11.84	0.00	132.28	-3.07	1300	--	ND	ND	44	9.7	--	--	
12/16/95	144.12	9.03	0.00	135.09	2.81	5400	--	22	3.6	220	4.2	120	--	
03/23/96	144.12	6.31	0.00	137.81	2.72	9000	--	12	29	380	460	81	--	
06/29/96	144.12	9.11	0.00	135.01	-2.80	6400	--	17	8.3	150	140	66	--	
09/28/96	144.12	11.95	0.00	132.17	-2.84	3000	--	9.7	24	99	60	140	--	
12/07/96	144.12	9.98	0.00	134.14	1.97	4200	--	11	ND	65	33	73	--	
03/29/97	144.12	7.91	0.00	136.21	2.07	310	--	0.94	0.5	4.6	7	ND	--	
06/28/97	144.12	10.88	0.00	133.24	-2.97	3200	--	5.8	ND	67	54	270	--	
09/27/97	144.12	12.80	0.00	131.32	-1.92	500	--	3.3	ND	4	2.9	500	--	
12/29/97	144.12	8.14	0.00	135.98	4.66	7400	--	11	14	180	160	180	--	
03/17/98	144.12	5.24	0.00	138.88	2.90	400	--	0.82	0.64	1.7	19	8.3	--	
06/18/98	144.12	7.73	0.00	136.39	-2.49	1700	--	3.2	ND	4.8	9.5	ND	5.4	
09/16/98	144.12	11.21	0.00	132.91	-3.48	5200	--	ND	ND	100	ND	ND	ND	
12/30/98	144.12	9.22	0.00	134.90	1.99	4600	--	13	ND	45	33	21	10	
03/18/99	144.12	5.78	0.00	138.34	3.44	5500	--	28	3.3	130	130	39	ND	

Table 2

## HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1990 Through December 2004

76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
06/16/99	144.12	9.27	0.00	134.85	-3.49	4400	--	10	ND	26	33	ND	ND	
09/23/99	144.12	12.39	0.00	131.73	-3.12	1000	--	2.4	2.7	5.4	ND	ND	2.7	
12/23/99	144.12	11.50	0.00	132.62	0.89	5700	--	23	ND	97	120	ND	5.7	
03/31/00	144.12	6.52	0.00	137.60	4.98	3900	--	11	ND	130	160	ND	3.7	
06/15/00	144.12	9.14	0.00	134.98	-2.62	6900	--	ND	ND	62	83	ND	2.0	
09/22/00	144.12	12.27	0.00	131.85	-3.13	570	--	ND	ND	ND	ND	ND	ND	
12/21/00	144.12	11.30	0.00	132.82	--	2300	--	8.4	ND	14	11	ND	4.8	
03/15/01	144.12	6.77	0.00	137.35	4.53	197	--	ND	0.537	ND	1.06	ND	ND	
06/14/01	144.12	10.71	0.00	133.41	-3.94	2000	--	22	2.7	30	5.8	ND	ND	
09/11/01	144.23	13.35	0.00	130.88	-2.53	490	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
10/16/01	144.23	13.98	0.00	130.25	-0.63	--	--	--	--	--	--	--	--	
11/13/01	144.23	12.48	0.00	131.75	1.50	750	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<20	2.6	
12/11/01	144.23	7.42	0.00	136.81	5.06	--	--	--	--	--	--	--	--	
01/15/02	144.23	7.41	0.00	136.82	0.01	--	--	--	--	--	--	--	--	
02/12/02	144.23	6.74	0.00	137.49	0.67	2300	--	5.6	ND<5.0	51	43	56	ND<2.0	
03/12/02	144.23	6.57	0.00	137.66	0.17	--	--	--	--	--	--	--	--	
04/16/02	144.23	8.11	0.00	136.12	-1.54	--	--	--	--	--	--	--	--	
05/14/02	144.23	9.04	0.00	135.19	-0.93	290	--	2.6	ND<0.50	0.8	2.2	ND<5.0	ND<2.0	
06/11/02	144.23	9.95	0.00	134.28	-0.91	--	--	--	--	--	--	--	--	
07/16/02	144.23	11.49	0.00	132.74	-1.54	--	--	--	--	--	--	--	--	
08/13/02	144.23	12.10	0.00	132.13	-0.61	770	--	ND<2.5	3.9	2.8	ND<2.5	32	ND<2.0	
09/10/02	144.23	12.98	0.00	131.25	-0.88	--	--	--	--	--	--	--	--	
12/10/02	144.23	12.46	0.00	131.77	0.52	1400	--	ND<5.0	ND<5.0	7.9	ND<5.0	ND<2.0	ND<2.0	
03/12/03	144.23	7.21	0.00	137.02	5.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through December 2004**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-3 continued</b>														
06/11/03	144.23	8.45	0.00	135.78	-1.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	16	27	
09/10/03	144.23	11.82	0.00	132.41	-3.37	--	950	ND<5.0	ND<5.0	9.8	67	--	600	
12/10/03	144.23	10.96	0.00	133.27	0.86	890	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	600	870	
03/23/04	144.23	6.85	0.00	137.38	4.11	660	--	ND<5.0	ND<5.0	6.3	7.3	ND<50	25	
06/22/04	144.23	10.51	0.00	133.72	-3.66	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<1	43	
09/28/04	144.23	13.32	0.00	130.91	-2.81	1200	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	53	
12/13/04	144.23	9.76	0.00	134.47	3.56	780	--	ND<2.5	ND<2.5	4.1	ND<2.5	27	23	
<b>MW-4</b>														
05/04/90	--	--	--	--	--	240	--	ND	0.61	0.5	2	--	--	
10/10/90	--	--	--	--	--	490	--	7.6	ND	0.64	0.52	--	--	
03/01/91	--	--	--	--	0.00	790	--	3	ND	3.1	4.7	--	--	
D 03/01/91	--	--	--	--	--	840	--	2.9	0.16	3.5	5.9	--	--	
06/03/91	--	--	--	--	--	690	--	4.3	2.4	0.6	8.5	--	--	
09/05/91	--	--	--	--	--	390	--	0.98	ND	ND	8.8	--	--	
12/09/91	--	--	--	--	--	1000	--	1.6	0.95	ND	8.4	--	--	
03/12/92	--	--	--	--	--	160	--	2.2	3.1	ND	0.67	--	--	
06/13/92	--	--	--	--	--	340	--	8.4	0.4	ND	1.7	--	--	
09/21/92	--	--	--	--	--	520	--	12	ND	ND	ND	--	--	
12/09/92	--	--	--	--	--	3500	--	13	ND	ND	15	--	--	
01/09/93	144.79	6.71	0.00	138.08	--	--	--	--	--	--	--	--	--	
02/04/93	144.79	10.11	0.00	134.68	-3.40	--	--	--	--	--	--	--	--	
03/13/93	144.79	7.28	0.00	137.51	2.83	1600	--	2.1	0.62	0.53	2.6	ND	--	
04/17/93	144.79	8.09	0.00	136.70	-0.81	--	--	--	--	--	--	--	--	
05/15/93	144.79	9.30	0.00	135.49	-1.21	--	--	--	--	--	--	--	--	

Table 2

### HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1990 Through December 2004

76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued														
06/17/93	144.79	9.70	0.00	135.09	-0.40	610	--	6.2	1.9	ND	ND	8.7	--	
07/17/93	144.79	11.28	0.00	133.51	-1.58	--	--	--	--	--	--	--	--	
08/14/93	144.79	12.09	0.00	132.70	-0.81	--	--	--	--	--	--	--	--	
09/18/93	144.79	13.21	0.00	131.58	-1.12	580	--	19	ND	8.4	0.73	9.9	--	
10/16/93	144.51	12.27	0.00	132.24	0.66	--	--	--	--	--	--	--	--	
12/11/93	144.51	10.20	0.00	134.31	2.07	720	--	1.9	1.1	ND	1.3	--	--	
03/12/94	144.51	8.48	0.00	136.03	1.72	1300	--	7	ND	ND	ND	--	--	
06/11/94	144.51	10.74	0.00	133.77	-2.26	800	--	7.6	ND	1.1	ND	--	--	
09/17/94	144.51	14.05	0.00	130.46	-3.31	380	--	2.8	0.78	ND	0.69	--	--	
12/17/94	144.51	8.76	0.00	135.75	5.29	2100	--	8.4	ND	2.9	6.9	--	--	
03/18/95	144.51	5.24	0.00	139.27	3.52	1000	--	8.7	ND	ND	ND	--	--	
06/24/95	144.51	9.47	0.00	135.04	-4.23	270	--	0.59	0.54	ND	0.65	--	--	
09/23/95	144.51	12.62	0.00	131.89	-3.15	450	--	2.1	ND	ND	ND	--	--	
12/16/95	144.51	9.00	0.00	135.51	3.62	350	--	ND	ND	ND	0.54	ND	--	
03/23/96	144.51	6.85	0.00	137.66	2.15	830	--	1.7	6.4	1.3	ND	ND	--	
06/29/96	144.51	9.75	0.00	134.76	-2.90	580	--	4	1.4	ND	ND	ND	--	
09/28/96	144.51	12.56	0.00	131.95	-2.81	77	--	ND	ND	ND	0.6	ND	--	
12/07/96	144.51	10.31	0.00	134.20	2.25	190	--	0.65	0.73	ND	0.77	ND	--	
03/29/97	144.51	8.54	0.00	135.97	1.77	150	--	2.6	ND	ND	ND	ND	--	
06/28/97	144.51	11.56	0.00	132.95	-3.02	79	--	ND	ND	ND	ND	ND	--	
09/27/97	144.51	13.75	0.00	130.76	-2.19	57	--	2.5	ND	ND	ND	ND	--	
12/29/97	144.51	8.77	0.00	135.74	4.98	360	--	0.56	0.99	ND	ND	ND	--	
03/17/98	144.51	5.98	0.00	138.53	2.79	400	--	3.9	1.5	0.54	ND	3	--	
06/18/98	144.51	8.51	0.00	136.00	-2.53	ND	--	ND	ND	ND	ND	ND	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through December 2004**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued														
09/16/98	144.51	11.91	0.00	132.60	-3.40	300	--	1.8	ND	ND	ND	ND	--	--
12/30/98	144.51	9.82	0.00	134.69	2.09	85	--	1.6	ND	ND	ND	ND	--	--
03/18/99	144.51	6.32	0.00	138.19	3.50	840	--	5.3	2.4	ND	ND	8.8	--	--
06/16/99	144.51	9.89	0.00	134.62	-3.57	950	--	16	2.6	1.2	1.7	7.7	--	--
09/23/99	144.51	13.14	0.00	131.37	-3.25	250	--	ND	ND	ND	ND	4.9	--	--
12/23/99	144.51	12.23	0.00	132.28	0.91	50	--	ND	ND	ND	ND	ND	--	--
03/31/00	144.51	7.18	0.00	137.33	5.05	59	--	ND	ND	ND	ND	ND	--	--
06/15/00	144.51	9.88	0.00	134.63	-2.70	110	--	ND	ND	ND	ND	ND	--	--
09/22/00	144.51	13.01	0.00	131.50	-3.13	100	--	ND	ND	ND	1.1	ND	--	--
12/21/00	144.51	11.85	0.00	132.66	--	ND	--	ND	ND	ND	ND	ND	--	--
03/15/01	144.51	7.38	0.00	137.13	4.47	250	--	ND	ND	ND	ND	ND	--	--
06/14/01	144.51	11.34	0.00	133.17	-3.96	120	--	ND	ND	ND	ND	ND	--	--
09/11/01	144.64	13.87	0.00	130.77	-2.40	190	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--
10/16/01	144.64	14.50	0.00	130.14	-0.63	--	--	--	--	--	--	--	--	--
11/13/01	144.64	12.29	0.00	132.35	2.21	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--
12/11/01	144.64	7.15	0.00	137.49	5.14	--	--	--	--	--	--	--	--	--
01/15/02	144.64	7.09	0.00	137.55	0.06	--	--	--	--	--	--	--	--	--
02/12/02	144.64	7.32	0.00	137.32	-0.23	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--
03/12/02	144.64	6.90	0.00	137.74	0.42	--	--	--	--	--	--	--	--	--
04/16/02	144.64	8.54	0.00	136.10	-1.64	--	--	--	--	--	--	--	--	--
05/14/02	144.64	9.56	0.00	135.08	-1.02	96	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--
06/11/02	144.64	10.43	0.00	134.21	-0.87	--	--	--	--	--	--	--	--	--
07/16/02	144.64	11.98	0.00	132.66	-1.55	--	--	--	--	--	--	--	--	--
08/13/02	144.64	12.78	0.00	131.86	-0.80	170	--	ND<0.50	0.68	ND<0.50	ND<0.50	ND<2.5	--	--

Table 2

### HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1990 Through December 2004

76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-4 continued</b>														
09/10/02	144.64	13.66	0.00	130.98	-0.88	--	--	--	--	--	--	--	--	--
12/10/02	144.64	12.72	0.00	131.92	0.94	77	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	--
03/12/03	144.64	7.91	0.00	136.73	4.81	66	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	--
06/11/03	144.64	9.18	0.00	135.46	-1.27	97	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	--
09/10/03	144.64	12.48	0.00	132.16	-3.30	--	210	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--
12/10/03	144.64	10.79	0.00	133.85	1.69	88	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--
03/23/04	144.64	7.50	0.00	137.14	3.29	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
06/22/04	144.64	11.07	0.00	133.57	-3.57	73	--	ND<0.3	2.8	ND<0.3	ND<0.6	1.3	--	--
09/28/04	144.64	13.82	0.00	130.82	-2.75	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
12/13/04	144.64	10.07	0.00	134.57	3.75	69	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--
<b>MW-5</b>														
10/10/90	--	--	--	--	--	3300	--	13	7.5	25	14	--	--	--
03/01/91	--	--	--	--	--	3900	--	33	8.6	58	22	--	--	--
06/03/91	--	--	--	--	--	5000	--	150	26	220	120	--	--	--
09/05/91	--	--	--	--	--	2900	--	21	0.44	60	64	--	--	--
12/09/91	--	--	--	--	--	6100	--	160	14	57	200	--	--	--
03/12/92	--	--	--	--	--	3100	--	77	9.4	93	64	--	--	--
06/13/92	--	--	--	--	--	3400	--	32	3.6	26	54	--	--	--
09/21/92	--	--	--	--	--	3600	--	11	ND	37	24	--	--	--
12/09/92	--	--	--	--	--	2700	--	ND	ND	ND	16	--	--	--
01/09/93	144.38	6.53	0.00	137.85	--	--	--	--	--	--	--	--	--	--
02/04/93	144.38	9.38	0.00	135.00	-2.85	--	--	--	--	--	--	--	--	--
03/13/93	144.38	6.90	0.00	137.48	2.48	4100	--	18	1.4	21	7.4	--	--	--
04/17/93	144.38	7.71	0.00	136.67	-0.81	--	--	--	--	--	--	--	--	--

Table 2

### HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1990 Through December 2004

76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued														
05/15/93	144.38	8.68	0.00	135.70	-0.97	--	--	--	--	--	--	--	--	--
06/17/93	144.38	9.28	0.00	135.10	-0.60	1100	--	ND	ND	ND	ND	--	--	--
07/17/93	144.38	10.65	0.00	133.73	-1.37	--	--	--	--	--	--	--	--	--
08/14/93	144.38	11.52	0.00	132.86	-0.87	--	--	--	--	--	--	--	--	--
09/18/93	144.38	12.65	0.00	131.73	-1.13	5200	--	28	ND	36	28	--	--	--
10/16/93	144.09	11.85	0.00	132.24	0.51	--	--	--	--	--	--	--	--	--
12/11/93	144.09	9.56	0.00	134.53	2.29	890	--	ND	ND	21	ND	17	--	--
03/12/94	144.09	7.89	0.00	136.20	1.67	4000	--	24	ND	26	ND	--	--	--
06/11/94	144.09	10.12	0.00	133.97	-2.23	5100	--	19	ND	53	46	--	--	--
09/17/94	144.09	13.42	0.00	130.67	-3.30	5600	--	49	14	12	22	--	--	--
12/17/94	144.09	8.37	0.00	135.72	5.05	4000	--	21	ND	50	35	--	--	--
03/18/95	144.09	5.15	0.00	138.94	3.22	3900	--	42	ND	33	25	--	--	--
06/24/95	144.09	8.80	0.00	135.29	-3.65	1200	--	27	ND	26	13	--	--	--
09/23/95	144.09	11.90	0.00	132.19	-3.10	1200	--	ND	ND	13	6.9	--	--	--
12/16/95	144.09	8.84	0.00	135.25	3.06	3700	--	ND	4.2	30	20	920	--	--
03/23/96	144.09	6.49	0.00	137.60	2.35	1800	--	21	29	28	17	570	--	--
06/29/96	144.09	9.10	0.00	134.99	-2.61	1100	--	37	6.3	37	24	780	--	--
09/28/96	144.09	11.97	0.00	132.12	-2.87	1400	--	ND	25	12	11	910	--	--
12/07/96	144.09	9.93	0.00	134.16	2.04	1300	--	14	ND	6.6	5.1	480	--	--
03/29/97	144.09	7.92	0.00	136.17	2.01	1400	--	36	ND	12	9.1	390	--	--
06/28/97	144.09	10.90	0.00	133.19	-2.98	1300	--	23	6.5	7.3	14	470	--	--
09/27/97	144.09	13.01	0.00	131.08	-2.11	1900	--	26	7	6.4	12	530	--	--
12/29/97	144.09	8.16	0.00	135.93	4.85	1900	--	8.4	ND	ND	6.4	290	--	--
03/17/98	144.09	5.28	0.00	138.81	2.88	ND	--	ND	ND	ND	ND	50	--	--

Table 2

### HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1990 Through December 2004

76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued														
06/18/98	144.09	7.81	0.00	136.28	-2.53	ND	--	ND	ND	ND	ND	9.9	22	
09/16/98	144.09	11.76	0.00	132.33	-3.95	280	--	4	1.2	1.4	1.6	150	190	
12/30/98	144.09	9.24	0.00	134.85	2.52	68	--	0.58	ND	ND	ND	71	2.1	
03/18/99	144.09	6.10	0.00	137.99	3.14	1100	--	27	ND	ND	8.3	110	76	
06/16/99	144.09	9.27	0.00	134.82	-3.17	960	--	33	ND	ND	ND	160	110	
09/23/99	144.09	12.51	0.00	131.58	-3.24	1300	--	3.6	2.7	ND	3.3	180	182	
12/23/99	144.09	11.60	0.00	132.49	0.91	4000	--	8.3	16	ND	19	160	120	
03/31/00	144.09	6.73	0.00	137.36	4.87	1000	--	6	3.8	3	4.1	88	75	
06/15/00	144.09	9.21	0.00	134.88	-2.48	1000	--	20	ND	4.6	6.2	110	76	
09/22/00	144.09	12.35	0.00	131.74	-3.14	1100	--	18	ND	ND	ND	180	110	
12/21/00	144.09	11.80	0.00	132.29	--	1300	--	14	3.5	2.4	4.9	86	98	
03/15/01	144.09	6.87	0.00	137.22	4.93	133	--	ND	ND	ND	ND	32.3	42.8	
06/14/01	144.09	10.75	0.00	133.34	-3.88	87	--	ND	ND	ND	ND	46	58	
09/11/01	144.16	13.26	0.00	130.90	-2.44	110	--	5.7	ND<0.50	ND<0.50	ND<0.50	57	75	
10/16/01	144.16	13.93	0.00	130.23	-0.67	--	--	--	--	--	--	--	--	
11/13/01	144.16	12.13	0.00	132.03	1.80	1600	--	28	4.1	3.9	ND<2.0	100	140	
12/11/01	144.16	7.04	0.00	137.12	5.09	--	--	--	--	--	--	--	--	
01/15/02	144.16	7.02	0.00	137.14	0.02	--	--	--	--	--	--	--	--	
02/12/02	144.16	6.93	0.00	137.23	0.09	610	--	2.5	3.1	3.7	1.7	32	24	
03/12/02	144.16	6.68	0.00	137.48	0.25	--	--	--	--	--	--	--	--	
04/16/02	144.16	8.17	0.00	135.99	-1.49	--	--	--	--	--	--	--	--	
05/14/02	144.16	9.08	0.00	135.08	-0.91	60	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	21	20	
06/11/02	144.16	9.96	0.00	134.20	-0.88	--	--	--	--	--	--	--	--	
07/16/02	144.16	11.52	0.00	132.64	-1.56	--	--	--	--	--	--	--	--	

Table 2

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

May 1990 Through December 2004

76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-5 continued</b>														
08/13/02	144.16	12.22	0.00	131.94	-0.70	1100	--	13	9.3	10	14	110	88	
09/10/02	144.16	13.05	0.00	131.11	-0.83	--	--	--	--	--	--	--	--	
12/10/02	144.16	12.33	0.00	131.83	0.72	2400	--	16	ND<5.0	5.1	ND<5.0	73	51	
03/12/03	144.16	7.35	0.00	136.81	4.98	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.7	6.3	
06/11/03	144.16	8.59	0.00	135.57	-1.24	90	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	110	180	
09/10/03	144.16	11.84	0.00	132.32	-3.25	--	ND<250	2.5	ND<2.5	ND<2.5	ND<5.0	--	350	
12/10/03	144.16	10.53	0.00	133.63	1.31	1600	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	350	400	
03/23/04	144.16	7.01	0.00	137.15	3.52	1200	--	9.6	ND<5.0	6.9	ND<5.0	230	240	
06/22/04	144.16	10.51	0.00	133.65	-3.50	760	--	23	29	7.0	9.5	190	180	
09/28/04	144.16	13.25	0.00	130.91	-2.74	2300	--	39	ND<5.0	ND<5.0	ND<5.0	130	250	
12/13/04	144.16	9.68	0.00	134.48	3.57	980	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	150	180	
<b>MW-6</b>														
10/10/90	--	--	--	--	--	3800	--	80	7.4	78	34	--	--	
03/01/91	--	--	--	--	--	4600	--	81	5.2	120	38	--	--	
06/03/91	--	--	--	--	--	4500	--	170	3.8	220	90	--	--	
09/05/91	--	--	--	--	0.00	4700	--	93	5.6	120	27	--	--	
D 09/05/91	--	--	--	--	--	4300	--	110	12	120	30	--	--	
12/09/91	--	--	--	--	--	9300	--	210	22	860	770	--	--	
03/12/92	--	--	--	--	--	5400	--	190	19	390	240	--	--	
06/13/92	--	--	--	--	--	5700	--	130	16	130	68	--	--	
09/21/92	--	--	--	--	--	4200	--	41	4.6	64	30	--	--	
12/09/92	--	--	--	--	--	3800	--	64	ND	32	15	--	--	
01/09/93	143.57	5.35	0.00	138.22	--	--	--	--	--	--	--	--	--	
02/04/93	143.57	8.55	0.00	135.02	-3.20	--	--	--	--	--	--	--	--	

Table 2

### HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1990 Through December 2004

76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
03/13/93	143.57	6.06	0.00	137.51	2.49	7000	--	81	ND	290	130	140	--	
04/17/93	143.57	6.90	0.00	136.67	-0.84	--	--	--	--	--	--	--	--	
05/15/93	143.57	7.85	0.00	135.72	-0.95	--	--	--	--	--	--	--	--	
06/17/93	143.57	8.98	0.00	134.59	-1.13	5100	--	67	ND	130	59	1700	--	
07/17/93	143.57	9.80	0.00	133.77	-0.82	--	--	--	--	--	--	--	--	
08/14/93	143.57	10.68	0.00	132.89	-0.88	--	--	--	--	--	--	--	--	
09/18/93	143.57	11.77	0.00	131.80	-1.09	6200	--	63	ND	ND	ND	1400	--	
10/16/93	143.13	11.15	0.00	131.98	0.18	--	--	--	--	--	--	--	--	
12/11/93	143.13	8.75	0.00	134.38	2.40	1400	--	ND	5.2	ND	ND	--	--	
03/12/94	143.13	6.85	0.00	136.28	1.90	3400	--	47	ND	26	10	--	--	
06/11/94	143.13	9.14	0.00	133.99	-2.29	5600	--	24	ND	26	ND	--	--	
09/17/94	143.13	12.35	0.00	130.78	-3.21	4000	--	47	12	16	15	--	--	
12/17/94	143.13	7.42	0.00	135.71	4.93	2800	--	10	ND	14	ND	--	--	
03/18/95	143.13	4.18	0.00	138.95	3.24	9100	--	110	11	440	440	--	--	
06/24/95	143.13	7.83	0.00	135.30	-3.65	4400	--	120	ND	260	170	--	--	
09/23/95	143.13	10.90	0.00	132.23	-3.07	3400	--	41	ND	63	20	--	--	
12/16/95	143.13	7.98	0.00	135.15	2.92	2700	--	ND	3.8	28	8.7	1500	--	
03/23/96	143.13	5.55	0.00	137.58	2.43	3900	--	64	23	260	140	1000	--	
06/29/96	143.13	8.15	0.00	134.98	-2.60	2200	--	75	5.8	18	6.9	1100	--	
09/28/96	143.13	11.02	0.00	132.11	-2.87	3300	--	38	11	17	25	1400	--	
12/07/96	143.13	9.04	0.00	134.09	1.98	2100	--	42	ND	ND	ND	1000	--	
03/29/97	143.13	6.94	0.00	136.19	2.10	3500	--	32	9.2	86	34	810	--	
06/28/97	143.13	9.95	0.00	133.18	-3.01	2800	--	41	ND	9.9	11	620	--	
09/27/97	143.13	11.95	0.00	131.18	-2.00	4000	--	23	ND	28	38	870	--	

Table 2

### HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1990 Through December 2004

76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
12/29/97	143.13	7.17	0.00	135.96	4.78	2600	--	22	9.8	ND<1	13	670	--	
03/17/98	143.13	4.39	0.00	138.74	2.78	5900	--	93	14	360	370	310	--	
06/18/98	143.13	6.74	0.00	136.39	-2.35	340	--	5.2	0.82	17	2.9	38	500	
09/16/98	143.13	10.32	0.00	132.81	-3.58	2500	--	58	25	29	29	750	890	
12/30/98	143.13	8.27	0.00	134.86	2.05	2700	--	39	13	7.3	10	710	520	
03/18/99	143.13	5.15	0.00	137.98	3.12	3300	--	16	12	100	74	300	190	
06/16/99	143.13	8.33	0.00	134.80	-3.18	2700	--	13	9.1	ND	15	330	230	
09/23/99	143.13	11.48	0.00	131.65	-3.15	3300	--	44	15	ND	ND	330	246	
12/23/99	143.13	10.62	0.00	132.51	0.86	2200	--	25	11	ND	ND	310	320	
03/31/00	143.13	5.78	0.00	137.35	4.84	3000	--	16	7.4	120	42	180	130	
06/15/00	143.13	8.25	0.00	134.88	-2.47	3100	--	18	12	21	14	200	510	
09/22/00	143.13	11.37	0.00	131.76	-3.12	2200	--	29	5.8	ND	ND	240	150	
12/21/00	143.13	10.35	0.00	132.78	--	1900	--	38	8.3	6.1	14	250	150	
03/15/01	143.13	5.97	0.00	137.16	4.38	2750	--	46.5	9.86	9.48	5.13	199	143	
06/14/01	143.13	9.77	0.00	133.36	-3.80	3600	--	62	11	8.4	ND	200	140	
09/11/01	143.20	12.23	0.00	130.97	-2.39	2900	--	59	12	6.3	3.4	160	100	
10/16/01	143.20	12.87	0.00	130.33	-0.64	--	--	--	--	--	--	--	--	
11/13/01	143.20	11.58	0.00	131.62	1.29	3000	--	ND<5.0	5.8	ND<5.0	ND<5.0	190	160	
12/11/01	143.20	6.53	0.00	136.67	5.05	--	--	--	--	--	--	--	--	
01/15/02	143.20	6.55	0.00	136.65	-0.02	--	--	--	--	--	--	--	--	
02/12/02	143.20	5.98	0.00	137.22	0.57	1400	--	ND<10	ND<10	37	19	95	59	
03/12/02	143.20	5.70	0.00	137.50	0.28	--	--	--	--	--	--	--	--	
04/16/02	143.20	7.08	0.00	136.12	-1.38	--	--	--	--	--	--	--	--	
05/14/02	143.20	8.11	0.00	135.09	-1.03	3200	--	8.3	11	ND<5.0	5.2	85	82	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through December 2004**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-6 continued</b>														
06/11/02	143.20	9.02	0.00	134.18	-0.91	--	--	--	--	--	--	--	--	--
07/16/02	143.20	10.49	0.00	132.71	-1.47	--	--	--	--	--	--	--	--	--
08/13/02	143.20	11.22	0.00	131.98	-0.73	1900	--	15	9.1	8.7	ND<5.0	200	83	--
09/10/02	143.20	12.06	0.00	131.14	-0.84	--	--	--	--	--	--	--	--	--
12/10/02	143.20	11.49	0.00	131.71	0.57	2600	--	ND<10	ND<10	ND<10	ND<10	110	68	--
03/12/03	143.20	6.30	0.00	136.90	5.19	2000	--	13	ND<2.5	22	9.1	41	31	--
06/11/03	143.20	7.43	0.00	135.77	-1.13	1500	--	14	3.0	7.0	7.0	39	74	--
09/10/03	143.20	10.86	0.00	132.34	-3.43	--	3400	4.8	ND<2.5	ND<2.5	ND<5.0	--	180	--
12/10/03	143.20	9.66	0.00	133.54	1.20	1600	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	57	--
03/23/04	143.20	5.95	0.00	137.25	3.71	3100	--	37	ND<5.0	22	5.9	190	190	--
06/22/04	143.20	9.57	0.00	133.63	-3.62	78	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	96	130	--
09/28/04	143.20	12.21	0.00	130.99	-2.64	3500	--	7.6	ND<5.0	7.2	ND<5.0	230	160	--
12/13/04	143.20	8.77	0.00	134.43	3.44	1900	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	140	130	--
<b>MW-7</b>														
10/10/90	--	--	--	--	--	ND	--	ND	0.54	ND	ND	--	--	--
03/01/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
06/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
09/05/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
12/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
03/12/92	--	--	--	--	--	ND	--	ND	ND	ND	--	--	--	--
06/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
09/21/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
12/09/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
01/09/93	144.45	6.33	0.00	138.12	--	--	--	--	--	--	--	--	--	--

Table 2

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

May 1990 Through December 2004

76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
02/04/93	144.45	9.00	0.00	135.45	-2.67	--	--	--	--	--	--	--	--	
03/13/93	144.45	6.76	0.00	137.69	2.24	140	--	ND	ND	ND	ND	--	--	
04/17/93	144.45	7.62	0.00	136.83	-0.86	--	--	--	--	--	--	--	--	
05/15/93	144.45	8.75	0.00	135.70	-1.13	--	--	--	--	--	--	--	--	
06/17/93	144.45	9.23	0.00	135.22	-0.48	ND	--	ND	ND	ND	ND	--	--	
07/17/93	144.45	10.63	0.00	133.82	-1.40	--	--	--	--	--	--	--	--	
08/14/93	144.45	11.53	0.00	132.92	-0.90	--	--	--	--	--	--	--	--	
09/18/93	144.45	12.57	0.00	131.88	-1.04	ND	--	ND	ND	ND	ND	--	--	
10/16/93	144.12	12.01	0.00	132.11	0.23	--	--	--	--	--	--	--	--	
12/11/93	144.12	9.16	0.00	134.96	2.85	ND	--	ND	ND	ND	ND	--	--	
03/12/94	144.12	7.73	0.00	136.39	1.43	ND	--	ND	ND	ND	ND	--	--	
06/11/94	144.12	10.05	0.00	134.07	-2.32	ND	--	ND	ND	ND	ND	--	--	
09/17/94	144.12	13.32	0.00	130.80	-3.27	ND	--	ND	ND	ND	ND	--	--	
12/17/94	144.12	8.35	0.00	135.77	4.97	ND	--	ND	ND	ND	ND	--	--	
03/18/95	144.12	4.23	0.00	139.89	4.12	ND	--	ND	ND	ND	ND	--	--	
06/24/95	144.12	8.85	0.00	135.27	-4.62	ND	--	ND	ND	ND	ND	--	--	
09/23/95	144.12	11.92	0.00	132.20	-3.07	ND	--	ND	ND	ND	ND	--	--	
12/16/95	144.12	8.93	0.00	135.19	2.99	ND	--	ND	ND	ND	ND	ND	ND	
03/23/96	144.12	6.35	0.00	137.77	2.58	ND	--	ND	ND	ND	ND	ND	ND	
06/29/96	144.12	9.17	0.00	134.95	-2.82	--	--	--	--	--	--	--	--	Sampled Semi-Annually
09/28/96	144.12	11.91	0.00	132.21	-2.74	ND	--	ND	ND	ND	ND	ND	ND	
12/07/96	144.12	10.02	0.00	134.10	1.89	--	--	--	--	--	--	--	--	
03/29/97	144.12	7.99	0.00	136.13	2.03	ND	--	ND	ND	ND	ND	ND	ND	
06/28/97	144.12	10.79	0.00	133.33	-2.80	--	--	--	--	--	--	--	--	

Table 2  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
 May 1990 Through December 2004  
 76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
09/27/97	144.12	12.84	0.00	131.28	-2.05	ND	--	ND	ND	ND	ND	ND	--	--
12/29/97	144.12	8.07	0.00	136.05	4.77	--	--	--	--	--	--	--	--	--
03/17/98	144.12	5.28	0.00	138.84	2.79	ND	--	ND	ND	ND	ND	ND	--	--
06/18/98	144.12	7.82	0.00	136.30	-2.54	--	--	--	--	--	--	--	--	--
09/16/98	144.12	11.31	0.00	132.81	-3.49	74	--	ND	ND	ND	ND	ND	--	--
12/30/98	144.12	9.13	0.00	134.99	2.18	--	--	--	--	--	--	--	--	--
03/18/99	144.12	5.57	0.00	138.55	3.56	ND	--	ND	ND	ND	ND	ND	--	--
06/16/99	144.12	9.28	0.00	134.84	-3.71	--	--	--	--	--	--	--	--	--
09/23/99	144.12	12.35	0.00	131.77	-3.07	ND	--	ND	ND	ND	ND	ND	--	--
12/23/99	144.12	11.38	0.00	132.74	0.97	--	--	--	--	--	--	--	--	--
03/31/00	144.12	6.46	0.00	137.66	4.92	ND	--	ND	ND	ND	ND	ND	--	--
06/15/00	144.12	9.17	0.00	134.95	-2.71	ND	--	ND	ND	ND	ND	ND	ND	ND
09/22/00	144.12	12.25	0.00	131.87	-3.08	ND	--	ND	ND	ND	ND	ND	--	--
12/21/00	144.12	11.46	0.00	132.66	--	--	--	--	--	--	--	--	--	--
03/15/01	144.12	6.68	0.00	137.44	4.78	ND	--	ND	ND	ND	ND	ND	--	--
06/14/01	144.12	10.46	0.00	133.66	-3.78	--	--	--	--	--	--	--	--	--
09/11/01	144.18	13.15	0.00	131.03	-2.63	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--
10/16/01	144.18	13.63	0.00	130.55	-0.48	--	--	--	--	--	--	--	--	--
11/13/01	144.18	11.67	0.00	132.51	1.96	--	--	--	--	--	--	--	--	--
12/11/01	144.18	6.58	0.00	137.60	5.09	--	--	--	--	--	--	--	--	--
01/15/02	144.18	6.52	0.00	137.66	0.06	--	--	--	--	--	--	--	--	--
02/12/02	144.18	6.73	0.00	137.45	-0.21	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--
03/12/02	144.18	6.25	0.00	137.93	0.48	--	--	--	--	--	--	--	--	--
04/16/02	144.18	7.92	0.00	136.26	-1.67	--	--	--	--	--	--	--	--	--

Table 2

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

May 1990 Through December 2004

76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-7 continued</b>														
05/14/02	144.18	8.96	0.00	135.22	-1.04	--	--	--	--	--	--	--	--	Sampled Semi-Annually
06/11/02	144.18	9.76	0.00	134.42	-0.80	--	--	--	--	--	--	--	--	
07/16/02	144.18	11.24	0.00	132.94	-1.48	--	--	--	--	--	--	--	--	
08/13/02	144.18	11.96	0.00	132.22	-0.72	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/10/02	144.18	12.71	0.00	131.47	-0.75	--	--	--	--	--	--	--	--	
12/10/02	144.18	11.85	0.00	132.33	0.86	--	--	--	--	--	--	--	--	
03/12/03	144.18	7.27	0.00	136.91	4.58	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	Sampled Semi-Annually
06/11/03	144.18	8.42	0.00	135.76	-1.15	--	--	--	--	--	--	--	--	
09/10/03	144.18	11.97	0.00	132.21	-3.55	--	96	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Sampled Semi-Annually
12/10/03	144.18	9.96	0.00	134.22	2.01	--	--	--	--	--	--	--	--	Monitored Only
03/23/04	144.18	6.90	0.00	137.28	3.06	ND<50	--	ND<0.50	--	--	ND<0.50	ND<5.0	--	Monitored Only
06/22/04	144.18	10.38	0.00	133.80	-3.48	--	--	--	--	--	--	--	--	Monitored Only
09/28/04	144.18	13.06	0.00	131.12	-2.68	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	Sampled Semi-Annually
12/13/04	144.18	9.48	0.00	134.70	3.58	--	--	--	--	--	--	--	--	
<b>MW-8</b>														
10/10/90	--	--	--	--	0.00	ND	--	ND	ND	ND	ND	--	--	
10/10/90	--	--	--	--	--	--	--	--	--	--	--	--	--	
03/01/91	--	--	--	--	--	--	--	--	--	--	--	--	--	inaccessible paved over
06/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/05/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/09/91	--	--	--	--	--	380	--	2.4	0.3	2.3	24	--	--	
03/12/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/21/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	

Table 2  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
 May 1990 Through December 2004  
 76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
12/09/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/09/93	144.99	6.85	0.00	138.14	--	--	--	--	--	--	--	--	--	
02/04/93	144.99	8.81	0.00	136.18	-1.96	--	--	--	--	--	--	--	--	
03/13/93	144.99	6.95	0.00	138.04	1.86	ND	--	ND	ND	ND	ND	--	--	
04/17/93	144.99	7.57	0.00	137.42	-0.62	--	--	--	--	--	--	--	--	
05/15/93	144.99	9.05	0.00	135.94	-1.48	--	--	--	--	--	--	--	--	
06/17/93	144.99	9.45	0.00	135.54	-0.40	ND	--	ND	ND	ND	ND	--	--	
07/17/93	144.99	11.06	0.00	133.93	-1.61	--	--	--	--	--	--	--	--	
08/14/93	144.99	11.93	0.00	133.06	-0.87	--	--	--	--	--	--	--	--	
09/18/93	144.99	13.03	0.00	131.96	-1.10	ND	--	ND	ND	ND	ND	--	--	
10/16/93	144.75	12.28	0.00	132.47	0.51	--	--	--	--	--	--	--	--	
12/11/93	144.75	9.05	0.00	135.70	3.23	ND	--	ND	ND	ND	ND	--	--	
03/12/94	144.75	8.21	0.00	136.54	0.84	ND	--	ND	ND	ND	ND	--	--	
06/11/94	144.75	10.60	0.00	134.15	-2.39	ND	--	ND	ND	ND	ND	--	--	
09/17/94	144.75	13.94	0.00	130.81	-3.34	ND	--	ND	ND	ND	ND	--	--	
12/17/94	144.75	8.73	0.00	136.02	5.21	ND	--	ND	ND	ND	ND	--	--	
03/18/95	144.75	4.71	0.00	140.04	4.02	ND	--	ND	ND	ND	ND	--	--	
06/24/95	144.75	9.35	0.00	135.40	-4.64	ND	--	ND	ND	ND	ND	--	--	
09/23/95	144.75	12.53	0.00	132.22	-3.18	ND	--	ND	ND	ND	ND	--	--	
12/16/95	144.75	9.13	0.00	135.62	3.40	ND	--	ND	ND	ND	ND	ND	ND	
03/23/96	144.75	6.68	0.00	138.07	2.45	ND	--	ND	ND	ND	ND	ND	ND	
06/29/96	144.75	9.69	0.00	135.06	-3.01	--	--	--	--	--	--	--	--	Sampled Semi-Annually
09/28/96	144.75	12.15	0.00	132.60	-2.46	ND	--	ND	ND	ND	ND	ND	ND	
12/07/96	144.75	10.34	0.00	134.41	1.81	--	--	--	--	--	--	--	--	

Table 2

## HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1990 Through December 2004

76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
03/29/97	144.75	8.41	0.00	136.34	1.93	ND	--	ND	ND	ND	ND	ND	--	
06/28/97	144.75	11.40	0.00	133.35	-2.99	--	--	--	--	--	--	--	--	
09/27/97	144.75	13.56	0.00	131.19	-2.16	ND	--	ND	ND	ND	ND	ND	--	
12/29/97	144.75	8.60	0.00	136.15	4.96	--	--	--	--	--	--	--	--	
03/17/98	144.75	5.73	0.00	139.02	2.87	ND	--	ND	ND	ND	ND	ND	--	
06/18/98	144.75	8.26	0.00	136.49	-2.53	--	--	--	--	--	--	--	--	
09/16/98	144.75	10.13	0.00	134.62	-1.87	ND	--	ND	ND	ND	ND	ND	--	
12/30/98	144.75	9.69	0.00	135.06	0.44	--	--	--	--	--	--	--	--	
03/18/99	144.75	6.01	0.00	138.74	3.68	ND	--	ND	ND	ND	ND	ND	--	
06/16/99	144.75	9.83	0.00	134.92	-3.82	--	--	--	--	--	--	--	--	
09/23/99	144.75	13.00	0.00	131.75	-3.17	ND	--	ND	ND	ND	ND	ND	--	
12/23/99	144.75	12.05	0.00	132.70	0.95	--	--	--	--	--	--	--	--	
03/31/00	144.75	6.87	0.00	137.88	5.18	ND	--	ND	ND	ND	ND	ND	--	
06/15/00	144.75	9.73	0.00	135.02	-2.86	--	--	--	--	--	--	--	--	
09/22/00	144.75	12.90	0.00	131.85	-3.17	ND	--	ND	ND	ND	ND	ND	--	
12/21/00	144.75	10.37	0.00	134.38	--	--	--	--	--	--	--	--	--	
03/15/01	144.75	7.08	0.00	137.67	3.29	ND	--	ND	ND	ND	ND	ND	--	
06/14/01	144.75	10.85	0.00	133.90	-3.77	--	--	--	--	--	--	--	--	Sampled Semi-Annually
09/11/01	144.79	13.78	0.00	131.01	-2.89	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	
10/16/01	144.79	14.38	0.00	130.41	-0.60	--	--	--	--	--	--	--	--	
11/13/01	144.79	12.33	0.00	132.46	2.05	--	--	--	--	--	--	--	--	
12/11/01	144.79	7.20	0.00	137.59	5.13	--	--	--	--	--	--	--	--	Sampled Semi-Annually
01/15/02	144.79	7.14	0.00	137.65	0.06	--	--	--	--	--	--	--	--	
02/12/02	144.79	7.18	0.00	137.61	-0.04	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through December 2004**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-8 continued</b>														
03/12/02	144.79	6.80	0.00	137.99	0.38	--	--	--	--	--	--	--	--	--
04/16/02	144.79	8.45	0.00	136.34	-1.65	--	--	--	--	--	--	--	--	--
05/14/02	144.79	9.10	0.00	135.69	-0.65	--	--	--	--	--	--	--	--	Sampled Semi-Annually
06/11/02	144.79	9.84	0.00	134.95	-0.74	--	--	--	--	--	--	--	--	Sampled Semi-Annually
07/16/02	144.79	11.33	0.00	133.46	-1.49	--	--	--	--	--	--	--	--	Sampled Semi-Annually
08/13/02	144.79	12.69	0.00	132.10	-1.36	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled Semi-Annually
09/10/02	144.79	13.46	0.00	131.33	-0.77	--	--	--	--	--	--	--	--	Sampled Semi-Annually
12/10/02	144.79	12.76	0.00	132.03	0.70	--	--	--	--	--	--	--	--	Sampled Semi-Annually
03/12/03	144.79	7.68	0.00	137.11	5.08	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	Sampled Semi-Annually
06/11/03	144.79	8.90	0.00	135.89	-1.22	--	--	--	--	--	--	--	--	Sampled Semi-Annually
09/10/03	144.79	12.16	0.00	132.63	-3.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Monitored Only
12/10/03	144.79	10.30	0.00	134.49	1.86	--	--	--	--	--	--	--	--	Monitored Only
03/23/04	144.79	7.23	0.00	137.56	3.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	Monitored Only
06/22/04	144.79	10.98	0.00	133.81	-3.75	--	--	--	--	--	--	--	--	Monitored Only
09/28/04	144.79	13.70	0.00	131.09	-2.72	ND<50	--	ND<0.50	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	Sampled Semi-Annually
12/13/04	144.79	9.00	0.00	135.79	4.70	--	--	--	--	--	--	--	--	Sampled Semi-Annually
<b>MW-9</b>														
10/10/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
12/09/92	--	--	--	--	--	120	--	ND	0.61	ND	ND	--	--	--
01/09/93	145.36	7.26	0.00	138.10	--	--	--	--	--	--	--	--	--	--
02/04/93	145.36	9.48	0.00	135.88	-2.22	--	--	--	--	--	--	--	--	--
03/13/93	145.36	7.55	0.00	137.81	1.93	280	--	ND	ND	ND	ND	--	--	--
04/17/93	145.36	8.31	0.00	137.05	-0.76	--	--	--	--	--	--	--	--	--
05/15/93	145.36	9.57	0.00	135.79	-1.26	--	--	--	--	--	--	--	--	--

Table 2

## HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1990 Through December 2004

76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9 continued														
06/17/93	145.36	9.98	0.00	135.38	-0.41	340	--	ND	ND	0.62	ND	--	--	
07/17/93	145.36	11.57	0.00	133.79	-1.59	--	--	--	--	--	--	--	--	
08/14/93	145.36	12.44	0.00	132.92	-0.87	--	--	--	--	--	--	--	--	
09/18/93	145.36	13.56	0.00	131.80	-1.12	86	--	ND	ND	ND	ND	--	--	
10/16/93	145.09	12.72	0.00	132.37	0.57	--	--	--	--	--	--	--	--	
12/11/93	145.09	9.58	0.00	135.51	3.14	ND	--	ND	ND	ND	ND	--	--	
03/12/94	145.09	8.76	0.00	136.33	0.82	160	--	ND	ND	ND	ND	--	--	
06/11/94	145.09	11.10	0.00	133.99	-2.34	140	--	5.6	ND	ND	ND	--	--	
09/17/94	145.09	14.44	0.00	130.65	-3.34	ND	--	ND	ND	ND	ND	--	--	
12/17/94	145.09	9.18	0.00	135.91	5.26	110	--	ND	0.67	ND	ND	--	--	
03/18/95	145.09	5.46	0.00	139.63	3.72	88	--	ND	ND	ND	ND	--	--	
06/24/95	145.09	9.81	0.00	135.28	-4.35	120	--	ND	0.8	ND	0.6	--	--	
09/23/95	145.09	12.99	0.00	132.10	-3.18	130	--	ND	ND	ND	ND	--	--	
12/16/95	145.09	9.48	0.00	135.61	3.51	67	--	ND	ND	ND	ND	ND	--	
03/23/96	145.09	7.25	0.00	137.84	2.23	130	--	6.6	ND	ND	ND	ND	--	
06/29/96	145.09	10.12	0.00	134.97	-2.87	ND	--	ND	0.89	ND	0.75	ND	--	
09/28/96	145.09	12.50	0.00	132.59	-2.38	ND	--	ND	ND	ND	ND	ND	--	
12/07/96	145.09	10.74	0.00	134.35	1.76	ND	--	ND	ND	ND	ND	ND	--	
03/29/97	145.09	8.88	0.00	136.21	1.86	79	--	2.6	0.7	ND	ND	ND	--	
06/28/97	145.09	11.88	0.00	133.21	-3.00	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	145.09	14.07	0.00	131.02	-2.19	ND	--	ND	ND	ND	ND	ND	--	
12/29/97	145.09	9.08	0.00	136.01	4.99	ND	--	ND	ND	ND	ND	ND	--	
03/17/98	145.09	6.21	0.00	138.88	2.87	ND	--	ND	ND	ND	ND	ND	--	
06/18/98	145.09	8.77	0.00	136.32	-2.56	ND	--	ND	ND	ND	ND	ND	--	

Table 2

## HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1990 Through December 2004

76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9 continued														
09/16/98	145.09	11.05	0.00	134.04	-2.28	ND	--	ND	ND	ND	ND	ND	--	
12/30/98	145.09	10.16	0.00	134.93	0.89	ND	--	ND	ND	ND	ND	ND	--	
03/18/99	145.09	6.61	0.00	138.48	3.55	61	--	ND	ND	ND	ND	ND	--	
06/16/99	145.09	10.28	0.00	134.81	-3.67	110	--	5.7	ND	ND	ND	ND	--	
09/23/99	145.09	13.47	0.00	131.62	-3.19	ND	--	ND	ND	ND	ND	ND	--	
12/23/99	145.09	12.51	0.00	132.58	0.96	ND	--	ND	ND	ND	ND	ND	--	
03/31/00	145.09	7.45	0.00	137.64	5.06	ND	--	ND	ND	ND	ND	ND	--	
06/15/00	145.09	10.20	0.00	134.89	-2.75	ND	--	ND	ND	ND	ND	ND	--	
09/22/00	145.09	13.36	0.00	131.73	-3.16	ND	--	ND	ND	ND	ND	ND	--	
12/21/00	145.09	11.19	0.00	133.90	--	ND	--	ND	1.7	ND	2.3	6.9	--	
03/15/01	145.09	7.66	0.00	137.43	3.53	ND	--	ND	ND	ND	ND	ND	--	
06/14/01	145.09	11.38	0.00	133.71	-3.72	ND	--	ND	ND	ND	ND	ND	--	
09/11/01	145.18	14.25	0.00	130.93	-2.78	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
10/16/01	145.18	14.89	0.00	130.29	-0.64	--	--	--	--	--	--	--	--	
11/13/01	145.18	12.51	0.00	132.67	2.38	53	--	ND<0.50	ND<0.50	ND<0.50	0.51	ND<5.0	--	
12/11/01	145.18	7.38	0.00	137.80	5.13	--	--	--	--	--	--	--	--	
01/15/02	145.18	7.33	0.00	137.85	0.05	--	--	--	--	--	--	--	--	
02/12/02	145.18	7.64	0.00	137.54	-0.31	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
03/12/02	145.18	7.28	0.00	137.90	0.36	--	--	--	--	--	--	--	--	
04/16/02	145.18	8.86	0.00	136.32	-1.58	--	--	--	--	--	--	--	--	
05/14/02	145.18	10.01	0.00	135.17	-1.15	160	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
06/11/02	145.18	10.81	0.00	134.37	-0.80	--	--	--	--	--	--	--	--	
07/16/02	145.18	12.32	0.00	132.86	-1.51	--	--	--	--	--	--	--	--	
08/13/02	145.18	13.12	0.00	132.06	-0.80	120	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through December 2004**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-9 continued</b>														
09/10/02	145.18	13.85	0.00	131.33	-0.73	--	--	--	--	--	--	--	--	--
12/10/02	145.18	13.06	0.00	132.12	0.79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	--
03/12/03	145.18	8.17	0.00	137.01	4.89	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	--
06/11/03	145.18	9.41	0.00	135.77	-1.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.3	--	--
09/10/03	145.18	12.29	0.00	132.89	-2.88	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.2	--
12/10/03	145.18	10.90	0.00	134.28	1.39	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--
03/23/04	145.18	7.79	0.00	137.39	3.11	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--
06/22/04	145.18	11.44	0.00	133.74	-3.65	ND<50	--	ND<0.3	0.48	ND<0.3	ND<0.6	ND<1	--	--
09/28/04	145.18	14.16	0.00	131.02	-2.72	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
12/13/04	145.18	10.34	0.00	134.84	3.82	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--
<b>MW-10</b>														
12/09/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
01/09/93	143.18	5.37	0.00	137.81	--	--	--	--	--	--	--	--	--	--
02/04/93	143.18	8.05	0.00	135.13	-2.68	--	--	--	--	--	--	--	--	--
03/13/93	143.18	6.12	0.00	137.06	1.93	170	--	ND	ND	ND	ND	--	--	--
04/17/93	143.18	6.74	0.00	136.44	-0.62	--	--	--	--	--	--	--	--	--
05/15/93	143.18	7.88	0.00	135.30	-1.14	--	--	--	--	--	--	--	--	--
06/17/93	143.18	8.61	0.00	134.57	-0.73	ND	--	ND	ND	ND	ND	--	--	--
07/17/93	143.18	9.80	0.00	133.38	-1.19	--	--	--	--	--	--	--	--	--
08/14/93	142.74	10.60	0.00	132.14	-1.24	--	--	--	--	--	--	--	--	--
09/18/93	142.74	11.67	0.00	131.07	-1.07	ND	--	ND	ND	ND	ND	--	--	--
10/16/93	142.74	10.60	0.00	132.14	1.07	--	--	--	--	--	--	--	--	--
12/11/93	142.74	8.44	0.00	134.30	2.16	ND	--	ND	ND	ND	ND	--	--	--
03/12/94	142.74	6.89	0.00	135.85	1.55	ND	--	ND	ND	ND	ND	--	--	--

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through December 2004**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-10 continued														
06/11/94	142.74	9.12	0.00	133.62	-2.23	ND	--	ND	ND	ND	ND	--	--	
09/17/94	142.74	12.35	0.00	130.39	-3.23	ND	--	ND	ND	ND	ND	--	--	
12/17/94	142.74	7.26	0.00	135.48	5.09	ND	--	ND	ND	ND	ND	--	--	
03/18/95	142.74	4.03	0.00	138.71	3.23	ND	--	ND	ND	ND	ND	--	--	
06/24/95	142.74	7.86	0.00	134.88	-3.83	ND	--	ND	ND	ND	ND	--	--	
09/23/95	142.74	10.93	0.00	131.81	-3.07	ND	--	ND	ND	ND	ND	--	--	
12/16/95	142.74	7.62	0.00	135.12	3.31	ND	--	ND	ND	ND	ND	98	--	
03/23/96	142.74	5.66	0.00	137.08	1.96	ND	--	ND	ND	ND	ND	66	--	
06/29/96	142.74	8.10	0.00	134.64	-2.44	--	--	--	--	--	--	--	--	
09/28/96	142.74	10.33	0.00	132.41	-2.23	ND	--	ND	ND	ND	ND	220	--	
12/07/96	142.74	8.83	0.00	133.91	1.50	--	--	--	--	--	--	--	--	
03/29/97	142.74	6.95	0.00	135.79	1.88	ND	--	ND	ND	ND	ND	160	--	
06/28/97	142.74	9.85	0.00	132.89	-2.90	--	--	--	--	--	--	--	--	
09/27/97	142.74	12.02	0.00	130.72	-2.17	ND	--	ND	ND	ND	ND	210	--	
12/29/97	142.74	7.21	0.00	135.53	4.81	--	--	--	--	--	--	--	--	
03/17/98	142.74	4.82	0.00	137.92	2.39	ND	--	ND	ND	ND	ND	46	--	
06/18/98	142.74	6.98	0.00	135.76	-2.16	ND	--	ND	ND	ND	ND	110	140	
09/16/98	142.74	10.18	0.00	132.56	-3.20	ND	--	ND	ND	ND	ND	220	250	
12/30/98	142.74	8.19	0.00	134.55	1.99	--	--	--	--	--	--	--	--	
03/18/99	142.74	5.15	0.00	137.59	3.04	ND	--	ND	ND	ND	ND	72	50	
06/16/99	142.74	8.30	0.00	134.44	-3.15	--	--	--	--	--	--	--	--	
09/23/99	142.74	11.41	0.00	131.33	-3.11	ND	--	ND	ND	ND	ND	170	163	
12/23/99	142.74	10.51	0.00	132.23	0.90	--	--	--	--	--	--	--	--	
03/31/00	142.74	5.94	0.00	136.80	4.57	ND	--	ND	ND	ND	ND	43	34	

Sampled Semi-Annually

Table 2

### HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1990 Through December 2004

76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-10 continued														
06/15/00	142.74	8.27	0.00	134.47	-2.33	--	--	--	--	--	--	--	--	
09/22/00	142.74	11.27	0.00	131.47	-3.00	ND	--	ND	ND	ND	ND	140	120	
12/21/00	142.74	10.28	0.00	132.46	--	--	--	--	--	--	--	--	--	
03/15/01	142.74	5.90	0.00	136.84	4.38	ND	--	ND	ND	ND	ND	38.6	50.1	
06/14/01	142.74	9.70	0.00	133.04	-3.80	--	--	--	--	--	--	--	--	Sampled Semi-Annually
09/11/01	142.80	12.18	0.00	130.62	-2.42	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	100	110	
10/16/01	142.80	12.76	0.00	130.04	-0.58	--	--	--	--	--	--	--	--	
11/13/01	142.80	10.96	0.00	131.84	1.80	--	--	--	--	--	--	--	--	Sampled Semi-Annually
12/11/01	142.80	5.79	0.00	137.01	5.17	--	--	--	--	--	--	--	--	
01/15/02	142.80	5.74	0.00	137.06	0.05	--	--	--	--	--	--	--	--	
02/12/02	142.69	5.81	0.00	136.88	-0.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	38	37	
03/12/02	142.69	5.28	0.00	137.41	0.53	--	--	--	--	--	--	--	--	
04/16/02	142.69	6.98	0.00	135.71	-1.70	--	--	--	--	--	--	--	--	
05/14/02	142.69	7.98	0.00	134.71	-1.00	--	--	--	--	--	--	--	--	Sampled Semi-Annually
06/11/02	142.69	8.67	0.00	134.02	-0.69	--	--	--	--	--	--	--	--	
07/16/02	142.69	10.19	0.00	132.50	-1.52	--	--	--	--	--	--	--	--	
08/13/02	142.69	11.06	0.00	131.63	-0.87	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	110	70	
09/10/02	142.69	11.80	0.00	130.89	-0.74	--	--	--	--	--	--	--	--	
12/10/02	142.69	11.14	0.00	131.55	0.66	--	--	--	--	--	--	--	--	Sampled Semi-Annually
03/12/03	142.69	6.25	0.00	136.44	4.89	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	35	34	
06/11/03	142.69	7.45	0.00	135.24	-1.20	--	--	--	--	--	--	--	--	Sampled Semi-Annually
09/10/03	142.69	10.63	0.00	132.06	-3.18	--	88	ND<0.50	ND<0.50	0.68	ND<1.0	--	46	
12/10/03	142.69	8.83	0.00	133.86	1.80	--	--	--	--	--	--	--	--	Monitored Only
03/23/04	142.69	5.97	0.00	136.72	2.86	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	31	34	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through December 2004**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-10 continued</b>														
06/22/04	142.69	9.31	0.00	133.38	-3.34	--	--	--	--	--	--	--	--	Monitored Only
09/28/04	142.69	12.00	0.00	130.69	-2.69	58	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	33	41	
12/13/04	142.69	8.27	0.00	134.42	3.73	--	--	--	--	--	--	--	--	Sampled Semi-Annually
<b>MW-11</b>														
12/09/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/09/93	142.60	3.65	0.00	138.95	--	--	--	--	--	--	--	--	--	
02/04/93	142.60	7.84	0.00	134.76	-4.19	--	--	--	--	--	--	--	--	
03/13/93	142.60	5.55	0.00	137.05	2.29	160	--	ND	ND	ND	ND	--	--	
04/17/93	142.60	6.18	0.00	136.42	-0.63	--	--	--	--	--	--	--	--	
05/15/93	142.60	7.25	0.00	135.35	-1.07	--	--	--	--	--	--	--	--	
06/17/93	142.60	8.55	0.00	134.05	-1.30	ND	--	ND	ND	ND	ND	--	--	
07/17/93	142.60	9.08	0.00	133.52	-0.53	--	--	--	--	--	--	--	--	
08/14/93	142.60	9.94	0.00	132.66	-0.86	--	--	--	--	--	--	--	--	
09/18/93	142.60	11.00	0.00	131.60	-1.06	ND	--	ND	ND	ND	ND	--	--	
10/16/93	142.21	10.20	0.00	132.01	0.41	--	--	--	--	--	--	--	--	
12/11/93	142.21	8.11	0.00	134.10	2.09	ND	--	ND	ND	ND	ND	--	--	
03/12/94	142.21	6.29	0.00	135.92	1.82	ND	--	ND	ND	ND	ND	--	--	
06/11/94	142.21	8.47	0.00	133.74	-2.18	ND	--	ND	ND	ND	ND	--	--	
09/17/94	142.21	11.72	0.00	130.49	-3.25	ND	--	ND	ND	ND	ND	--	--	
12/17/94	142.21	6.69	0.00	135.52	5.03	ND	--	ND	ND	ND	ND	--	--	
03/18/95	142.21	3.47	0.00	138.74	3.22	ND	--	ND	ND	ND	ND	--	--	
06/24/95	142.21	7.30	0.00	134.91	-3.83	ND	--	ND	ND	ND	ND	--	--	
09/23/95	142.21	10.25	0.00	131.96	-2.95	ND	--	ND	ND	ND	ND	--	--	
12/16/95	142.21	7.16	0.00	135.05	3.09	ND	--	ND	ND	ND	ND	24	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1990 Through December 2004

76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-11 continued														
03/23/96	142.21	5.15	0.00	137.06	2.01	ND	--	ND	ND	ND	ND	ND	--	
06/29/96	142.21	7.55	0.00	134.66	-2.40	--	--	--	--	--	--	--	--	
09/28/96	142.21	10.95	0.00	131.26	-3.40	ND	--	ND	ND	ND	ND	53	--	
12/07/96	142.21	8.37	0.00	133.84	2.58	--	--	--	--	--	--	--	--	
03/29/97	142.21	6.45	0.00	135.76	1.92	ND	--	ND	ND	ND	ND	23	--	
06/28/97	142.21	9.18	0.00	133.03	-2.73	--	--	--	--	--	--	--	--	
09/27/97	142.21	11.22	0.00	130.99	-2.04	ND	--	ND	ND	ND	ND	49	--	
12/29/97	142.21	6.57	0.00	135.64	4.65	--	--	--	--	--	--	--	--	
03/17/98	142.21	4.20	0.00	138.01	2.37	ND	--	ND	ND	ND	ND	12	--	
06/18/98	142.21	6.41	0.00	135.80	-2.21	ND	--	ND	ND	ND	ND	ND	ND	
09/16/98	142.21	9.50	0.00	132.71	-3.09	ND	--	ND	ND	ND	ND	ND	ND	
12/30/98	142.21	7.51	0.00	134.70	1.99	--	--	--	--	--	--	--	--	
03/18/99	142.21	4.52	0.00	137.69	2.99	ND	--	ND	ND	ND	ND	71	9.3	
06/16/99	142.21	7.67	0.00	134.54	-3.15	--	--	--	--	--	--	--	--	
09/23/99	142.21	10.68	0.00	131.53	-3.01	ND	--	ND	ND	ND	ND	20	18	
12/23/99	142.21	9.77	0.00	132.44	0.91	--	--	--	--	--	--	--	--	
03/31/00	142.21	5.31	0.00	136.90	4.46	ND	--	ND	ND	ND	ND	5.3	2.2	
06/15/00	142.21	7.81	0.00	134.40	-2.50	--	--	--	--	--	--	--	--	
09/22/00	142.21	10.60	0.00	131.61	-2.79	ND	--	ND	ND	ND	ND	9.8	7.6	
12/21/00	142.21	9.70	0.00	132.51	--	--	--	--	--	--	--	--	--	
03/15/01	142.21	5.28	0.00	136.93	4.42	ND	--	ND	ND	ND	ND	ND	ND	
06/14/01	142.21	9.07	0.00	133.14	-3.79	--	--	--	--	--	--	--	--	
09/11/01	142.22	11.48	0.00	130.74	-2.40	ND<50	--	ND<0.50	0.53	ND<0.50	ND<0.50	6.3	8.2	
10/16/01	142.22	12.05	0.00	130.17	-0.57	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through December 2004**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-11 continued</b>														
11/13/01	142.22	10.20	0.00	132.02	1.85	--	--	--	--	--	--	--	--	Sampled Semi-Annually
12/11/01	142.22	5.04	0.00	137.18	5.16	--	--	--	--	--	--	--	--	
01/15/02	142.22	4.95	0.00	137.27	0.09	--	--	--	--	--	--	--	--	
02/12/02	142.22	5.42	0.00	136.80	-0.47	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	2.5	
03/12/02	142.22	4.81	0.00	137.41	0.61	--	--	--	--	--	--	--	--	
04/16/02	142.22	6.53	0.00	135.69	-1.72	--	--	--	--	--	--	--	--	
05/14/02	142.22	7.64	0.00	134.58	-1.11	--	--	--	--	--	--	--	--	
06/11/02	142.22	8.31	0.00	133.91	-0.67	--	--	--	--	--	--	--	--	Sampled Semi-Annually
07/16/02	142.22	10.07	0.00	132.15	-1.76	--	--	--	--	--	--	--	--	
08/13/02	142.22	10.52	0.00	131.70	-0.45	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	4.5	
09/10/02	142.22	11.29	0.00	130.93	-0.77	--	--	--	--	--	--	--	--	
12/10/02	142.22	10.52	0.00	131.70	0.77	--	--	--	--	--	--	--	--	Sampled Semi-Annually
03/12/03	142.22	5.85	0.00	136.37	4.67	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.0	3.6	Sampled Semi-Annually
06/11/03	142.22	7.10	0.00	135.12	-1.25	--	--	--	--	--	--	--	--	Sampled Semi-Annually
09/10/03	142.22	10.27	0.00	131.95	-3.17	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	17	Monitored Only
12/10/03	142.22	8.52	0.00	133.70	1.75	--	--	--	--	--	--	--	--	Monitored Only
03/23/04	142.22	5.59	0.00	136.63	2.93	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	Monitored Only
06/22/04	142.22	8.80	0.00	133.42	-3.21	--	--	--	--	--	--	--	--	Monitored Only
09/28/04	142.22	11.45	0.00	130.77	-2.65	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	2.3	Sampled Semi-Annually
12/13/04	142.22	7.87	0.00	134.35	3.58	--	--	--	--	--	--	--	--	
<b>MW-12</b>														
12/09/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/09/93	143.66	5.45	0.00	138.21	--	--	--	--	--	--	--	--	--	
02/04/93	143.66	8.90	0.00	134.76	-3.45	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through December 2004**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-12 continued														
03/13/93	143.66	6.22	0.00	137.44	2.68	ND	--	ND	ND	ND	ND	--	--	
04/17/93	143.66	7.10	0.00	136.56	-0.88	--	--	--	--	--	--	--	--	
05/15/93	143.66	8.12	0.00	135.54	-1.02	--	--	--	--	--	--	--	--	
06/17/93	143.66	8.93	0.00	134.73	-0.81	ND	--	ND	ND	ND	ND	--	--	
07/17/93	143.66	9.95	0.00	133.71	-1.02	--	--	--	--	--	--	--	--	
08/14/93	143.66	10.86	0.00	132.80	-0.91	--	--	--	--	--	--	--	--	
09/18/93	143.66	11.85	0.00	131.81	-0.99	ND	--	ND	ND	ND	ND	--	--	
10/16/93	143.25	11.19	0.00	132.06	0.25	--	--	--	--	--	--	--	--	
12/11/93	143.25	8.70	0.00	134.55	2.49	ND	--	ND	ND	ND	ND	--	--	
03/12/94	143.25	7.05	0.00	136.20	1.65	ND	--	ND	ND	ND	ND	--	--	
06/11/94	143.25	9.28	0.00	133.97	-2.23	ND	--	ND	ND	ND	ND	--	--	
09/17/94	143.25	12.46	0.00	130.79	-3.18	ND	--	ND	ND	ND	ND	--	--	
12/17/94	143.25	7.58	0.00	135.67	4.88	ND	--	ND	ND	ND	ND	--	--	
03/18/95	143.25	3.92	0.00	139.33	3.66	ND	--	ND	ND	ND	ND	--	--	
06/24/95	143.25	8.15	0.00	135.10	-4.23	ND	--	ND	ND	ND	ND	--	--	
12/16/95	143.25	8.15	0.00	135.10	--	ND	--	ND	ND	ND	ND	5.4	--	
03/23/96	143.25	5.82	0.00	137.43	2.33	ND	--	ND	ND	ND	ND	ND	--	
06/29/96	143.25	8.41	0.00	134.84	-2.59	--	--	--	--	--	--	--	--	Sampled Semi-Annually
09/28/96	143.25	11.19	0.00	132.06	-2.78	ND	--	ND	ND	ND	ND	ND	--	
12/07/96	143.25	9.25	0.00	134.00	1.94	--	--	--	--	--	--	--	--	
03/29/97	143.25	7.27	0.00	135.98	1.98	ND	--	ND	ND	ND	ND	6.6	--	
06/28/97	143.25	10.05	0.00	133.20	-2.78	--	--	--	--	--	--	--	--	
09/27/97	143.25	12.00	0.00	131.25	-1.95	ND	--	ND	ND	ND	ND	ND	--	
12/29/97	143.25	7.35	0.00	135.90	4.65	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through December 2004**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-12 continued														
03/17/98	143.25	4.55	0.00	138.70	2.80	ND	--	ND	ND	ND	ND	ND	--	
06/18/98	143.25	6.44	0.00	136.81	-1.89	--	--	--	--	--	--	--	--	
09/16/98	143.25	10.33	0.00	132.92	-3.89	ND	--	ND	ND	ND	ND	ND	--	
12/30/98	143.25	8.36	0.00	134.89	1.97	--	--	--	--	--	--	--	--	
03/18/99	143.25	5.07	0.00	138.18	3.29	ND	--	ND	ND	ND	ND	ND	--	
06/16/99	143.25	8.53	0.00	134.72	-3.46	--	--	--	--	--	--	--	--	
09/23/99	143.25	11.53	0.00	131.72	-3.00	ND	--	ND	ND	ND	ND	ND	--	
12/23/99	143.25	10.59	0.00	132.66	0.94	--	--	--	--	--	--	--	--	
03/31/00	143.25	5.90	0.00	137.35	4.69	ND	--	ND	ND	ND	ND	ND	--	
06/15/00	143.25	8.44	0.00	134.81	-2.54	--	--	--	--	--	--	--	--	
09/22/00	143.25	11.40	0.00	131.85	-2.96	ND	--	ND	ND	ND	ND	ND	--	
12/21/00	143.25	10.53	0.00	132.72	--	--	--	--	--	--	--	--	--	
03/15/01	143.25	6.30	0.00	136.95	4.23	ND	--	ND	ND	ND	ND	ND	--	
06/14/01	143.25	10.02	0.00	133.23	-3.72	--	--	--	--	--	--	--	--	Sampled Semi-Annually
09/11/01	143.28	12.45	0.00	130.83	-2.40	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
10/16/01	143.28	12.81	0.00	130.47	-0.36	--	--	--	--	--	--	--	--	
11/13/01	143.28	10.82	0.00	132.46	1.99	--	--	--	--	--	--	--	--	Sampled Semi-Annually
12/11/01	143.28	5.69	0.00	137.59	5.13	--	--	--	--	--	--	--	--	
01/15/02	143.28	5.65	0.00	137.63	0.04	--	--	--	--	--	--	--	--	
02/12/02	143.28	6.09	0.00	137.19	-0.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
03/12/02	143.28	5.53	0.00	137.75	0.56	--	--	--	--	--	--	--	--	
04/16/02	143.28	7.17	0.00	136.11	-1.64	--	--	--	--	--	--	--	--	
05/14/02	143.28	7.69	0.00	135.59	-0.52	--	--	--	--	--	--	--	--	Sampled Semi-Annually
06/11/02	143.28	8.48	0.00	134.80	-0.79	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through December 2004**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-12 continued</b>														
07/16/02	143.28	10.04	0.00	133.24	-1.56	--	--	--	--	--	--	--	--	
08/13/02	143.28	11.18	0.00	132.10	-1.14	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/10/02	143.28	11.94	0.00	131.34	-0.76	--	--	--	--	--	--	--	--	
12/10/02	143.28	11.13	0.00	132.15	0.81	--	--	--	--	--	--	--	--	Sampled Semi-Annually
03/12/03	143.28	6.58	0.00	136.70	4.55	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	Sampled Semi-Annually
06/11/03	143.28	7.81	0.00	135.47	-1.23	--	--	--	--	--	--	--	--	Sampled Semi-Annually
09/10/03	143.28	10.94	0.00	132.34	-3.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	17	Monitored Only
12/10/03	143.28	9.25	0.00	134.03	1.69	--	--	--	--	--	--	--	--	Monitored Only
03/23/04	143.28	6.26	0.00	137.02	2.99	--	--	--	--	--	--	--	--	Monitored Only
06/22/04	143.28	9.63	0.00	133.65	-3.37	--	--	--	--	--	--	--	--	Monitored Only
09/28/04	143.28	12.23	0.00	131.05	-2.60	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	Sampled Semi-Annually
12/13/04	143.28	8.73	0.00	134.55	3.50	--	--	--	--	--	--	--	--	Sampled Semi-Annually
<b>MW-13</b>														
06/29/96	142.95	8.12	0.00	134.83	--	ND	--	ND	ND	ND	ND	790	--	
09/28/96	142.95	10.87	0.00	132.08	-2.75	ND	--	ND	ND	ND	ND	330	--	
12/07/96	142.95	8.79	0.00	134.16	2.08	ND	--	ND	ND	ND	ND	98	--	
03/29/97	142.95	6.92	0.00	136.03	1.87	ND	--	ND	ND	ND	ND	240	--	
06/28/97	142.95	9.90	0.00	133.05	-2.98	ND	--	ND	ND	ND	ND	150	--	
09/27/97	142.95	11.87	0.00	131.08	-1.97	ND	--	ND	ND	ND	ND	45	--	
12/29/97	142.95	7.21	0.00	135.74	4.66	ND	--	ND	ND	ND	ND	49	--	
03/17/98	142.95	4.70	0.00	138.25	2.51	ND	--	ND	ND	ND	ND	ND	--	
06/18/98	142.95	6.57	0.00	136.38	-1.87	ND	--	ND	ND	ND	ND	450	ND	
09/16/98	142.95	10.07	0.00	132.88	-3.50	ND	--	ND	ND	ND	0.97	84	74	
12/30/98	142.95	8.27	0.00	134.68	1.80	ND	--	ND	ND	ND	ND	39	30	

Table 2

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

May 1990 Through December 2004

76 Station 4320

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-13 continued														
03/18/99	142.95	5.65	0.00	137.30	2.62	ND	--	ND	ND	ND	ND	160	140	
06/16/99	142.95	8.24	0.00	134.71	-2.59	ND	--	ND	ND	ND	ND	180	110	
09/23/99	142.95	11.44	0.00	131.51	-3.20	ND	--	ND	ND	ND	ND	230	192	
12/23/99	142.95	10.63	0.00	132.32	0.81	ND	--	ND	ND	ND	ND	170	150	
03/31/00	142.95	6.14	0.00	136.81	4.49	ND	--	ND	ND	ND	ND	170	190	
06/15/00	142.95	8.20	0.00	134.75	-2.06	ND	--	ND	ND	ND	ND	69	35	
09/22/00	142.95	11.27	0.00	131.68	-3.07	ND	--	ND	ND	ND	ND	87	66	
12/21/00	142.95	10.22	0.00	132.73	--	ND	--	ND	ND	ND	ND	55	68	
03/15/01	142.95	6.19	0.00	136.76	4.03	ND	--	ND	ND	ND	ND	52.7	61.2	
06/14/01	142.95	10.07	0.00	132.88	-3.88	ND	--	ND	ND	ND	ND	94	110	
09/11/01	143.04	12.06	0.00	130.98	-1.90	ND<50	--	ND<0.50	0.75	ND<0.50	ND<0.50	24	29	
10/16/01	143.04	12.66	0.00	130.38	-0.60	--	--	--	--	--	--	--	--	
11/13/01	143.04	10.79	0.00	132.25	1.87	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	19	20	
12/11/01	143.04	5.63	0.00	137.41	5.16	--	--	--	--	--	--	--	--	
01/15/02	143.04	5.57	0.00	137.47	0.06	--	--	--	--	--	--	--	--	
02/12/02	143.04	6.28	0.00	136.76	-0.71	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.2	4.2	
03/12/02	143.04	5.73	0.00	137.31	0.55	--	--	--	--	--	--	--	--	
04/16/02	143.04	7.46	0.00	135.58	-1.73	--	--	--	--	--	--	--	--	
05/14/02	143.04	8.10	0.00	134.94	-0.64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140	120	
06/11/02	143.04	8.95	0.00	134.09	-0.85	--	--	--	--	--	--	--	--	
07/16/02	143.04	10.51	0.00	132.53	-1.56	--	--	--	--	--	--	--	--	
08/13/02	143.04	11.15	0.00	131.89	-0.64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	190	120	
09/10/02	143.04	11.97	0.00	131.07	-0.82	--	--	--	--	--	--	--	--	
12/10/02	143.04	11.35	0.00	131.69	0.62	51	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	77	79	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through December 2004**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-13 continued</b>														
03/12/03	143.04	6.56	0.00	136.48	4.79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	60	62	
06/11/03	143.04	7.83	0.00	135.21	-1.27	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	43	56	
09/10/03	143.04	11.02	0.00	132.02	-3.19	--	89	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	80	
12/10/03	143.04	9.50	0.00	133.54	1.52	78	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	110	130	
03/23/04	143.04	6.37	0.00	136.67	3.13	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	53	51	
06/22/04	143.04	9.51	0.00	133.53	-3.14	ND<50	--	ND<0.3	0.33	ND<0.3	ND<0.6	4.6	87	
09/28/04	143.04	12.17	0.00	130.87	-2.66	79	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	80	100	
12/13/04	143.04	--	--	--	--	--	--	--	--	--	--	--	--	paved over
<b>MW-14</b>														
02/12/02	142.77	6.08	--	136.69	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
03/12/02	142.77	5.59	0.00	137.18	0.49	--	--	--	--	--	--	--	--	
04/16/02	142.77	7.21	0.00	135.56	-1.62	--	--	--	--	--	--	--	--	
05/14/02	142.77	8.15	0.00	134.62	-0.94	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
06/11/02	142.77	8.76	0.00	134.01	-0.61	--	--	--	--	--	--	--	--	
07/16/02	142.77	10.18	0.00	132.59	-1.42	--	--	--	--	--	--	--	--	
08/13/02	142.77	11.25	0.00	131.52	-1.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.9	9.2	
09/10/02	142.77	12.00	0.00	130.77	-0.75	--	--	--	--	--	--	--	--	
12/10/02	142.77	10.88	0.00	131.89	1.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2	3.0	
03/12/03	142.77	6.02	0.00	136.75	4.86	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
06/11/03	142.77	7.40	0.00	135.37	-1.38	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
09/10/03	142.77	10.14	0.00	132.63	-2.74	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/10/03	142.77	9.28	0.00	133.49	0.86	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	3.9	
03/23/04	142.77	6.29	0.00	136.48	2.99	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	12	9.5	
06/22/04	142.77	9.48	0.00	133.29	-3.19	ND<50	--	ND<0.3	0.34	ND<0.3	ND<0.6	5.9	5.9	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through December 2004**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-14	continued													
09/28/04	142.77	12.13	0.00	130.64	-2.65	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	11	15	
12/13/04	142.77	8.81	0.00	133.96	3.32	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	3.8	

**Table 3**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 4320**

Date Sampled	TPH-D (µg/l)	EDC (µg/l)	1,1,1- Trichloro- ethane (µg/l)	1,1- Dichloro- ethane (µg/l)	1,1- Dichloro- ethene (µg/l)	EDB (µg/l)	Organic Lead (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8260B (µg/l)	Nitrate (mg/l)	TOG (mg/l)
<b>MW-1</b>														
05/04/90	ND	--	--	--	--	--	ND	--	--	--	--	--	--	ND
10/10/90	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
03/01/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
06/03/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
09/05/91	120	--	ND	ND	--	--	ND	--	--	--	--	--	--	ND
12/09/91	ND	--	2.6	4.7	--	--	--	--	--	--	--	--	--	ND
03/12/92	ND	--	ND	1.4	--	--	--	--	--	--	--	--	--	ND
06/13/92	ND	--	ND	2.5	--	--	--	--	--	--	--	--	--	ND
09/21/92	ND	--	0.5	2.7	--	--	--	--	--	--	--	--	--	ND
12/09/92	ND	--	ND	ND	--	--	--	--	--	--	--	--	--	ND
03/13/93	ND	--	ND	ND	--	--	--	--	--	--	--	--	--	ND
06/17/93	--	--	ND	ND	--	--	--	--	--	--	--	--	--	ND
09/18/93	--	--	1.4	1.4	--	--	--	--	--	--	--	--	--	--
12/11/93	--	--	ND	0.66	--	--	--	--	--	--	--	--	--	--
03/12/94	--	--	ND	ND	--	--	--	--	--	--	--	--	--	--
06/11/94	--	--	ND	ND	--	--	--	--	--	--	--	--	--	--
09/17/94	--	--	ND	ND	--	--	--	--	--	--	--	--	--	--
09/10/03	--	ND<10	--	--	--	ND<10	--	ND<10	ND<500	ND<10	ND<10	ND<2500	--	--
<b>MW-2</b>														
05/04/90	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
10/10/90	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
03/01/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
06/03/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
D 06/03/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
09/05/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
12/09/91	52	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3  
**ADDITIONAL ANALYTICAL RESULTS**  
 76 Station 4320

Date Sampled	TPH-D (µg/l)	EDC (µg/l)	1,1,1- Trichloro- ethane (µg/l)	1,1- Dichloro- ethane (µg/l)	1,1- Dichloro- ethene (µg/l)	EDB (µg/l)	Organic Lead (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8260B (µg/l)	Nitrate (mg/l)	TOG (mg/l)
<b>MW-2 continued</b>														
06/13/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
12/09/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
03/13/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>MW-3</b>														
05/04/90	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
10/10/90	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
03/01/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
06/03/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
09/05/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
06/28/97	--	--	--	--	--	--	--	--	--	--	--	--	84	--
06/18/98	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
09/16/98	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
12/30/98	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
03/18/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
06/16/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
09/23/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
12/23/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
03/31/00	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
06/15/00	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
09/22/00	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
12/21/00	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
03/15/01	--	ND	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
06/14/01	--	ND	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
09/11/01	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<1000	--	--
11/13/01	--	ND<1.0	--	--	--	ND<1.0	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<500	--	--

**Table 3**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 4320**

Date Sampled	TPH-D (µg/l)	EDC (µg/l)	1,1,1-Trichloro-ethane (µg/l)	1,1-Dichloro-ethane (µg/l)	1,1-Dichloro-ethene (µg/l)	EDB (µg/l)	Organic Lead (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8260B (µg/l)	Nitrate (mg/l)	TOG (mg/l)
<b>MW-3 continued</b>														
02/12/02	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
05/14/02	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
08/13/02	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<500	--	--
12/10/02	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/12/03	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
06/11/03	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/10/03	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<1000	ND<2.0	ND<2.0	ND<5000	--	--
12/10/03	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<1000	ND<2.0	ND<2.0	ND<5000	--	--
03/23/04	--	ND<2.0	--	--	--	ND<2.0	--	--	ND<100	ND<2.0	ND<2.0	ND<500	--	--
06/22/04	--	ND<0.5	--	--	--	ND<0.5	--	ND<1	ND<12	ND<1	ND<1	ND<800	--	--
09/28/04	--	ND<5.0	--	--	--	ND<5.0	--	ND<5.0	ND<50	ND<10	ND<5.0	ND<500	--	--
12/13/04	--	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--	--
<b>MW-4</b>														
05/04/90	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
10/10/90	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
03/01/91	--	--	--	--	--	--	ND	--	--	--	--	--	12	--
06/03/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
09/05/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
12/09/91	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
06/13/92	--	--	--	--	--	--	--	--	--	--	--	--	11	--
12/09/92	--	--	--	--	--	--	--	--	--	--	--	--	33	--
06/17/93	--	--	--	--	--	--	--	--	--	--	--	--	53	--
12/11/93	--	--	--	--	--	--	--	--	--	--	--	--	1.2	--
06/11/94	--	--	--	--	--	--	--	--	--	--	--	--	3.3	--
12/17/94	--	--	--	--	--	--	--	--	--	--	--	--	12	--
06/24/95	--	--	--	--	--	--	--	--	--	--	--	--	120	--

Table 3  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 4320**

Date Sampled	TPH-D (µg/l)	EDC (µg/l)	1,1,1- Trichloro- ethane (µg/l)	1,1- Dichloro- ethane (µg/l)	1,1- Dichloro- ethene (µg/l)	EDB (µg/l)	Organic Lead (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8260B (µg/l)	Nitrate (mg/l)	TOG (mg/l)
<b>MW-4 continued</b>														
12/16/95	--	--	--	--	--	--	--	--	--	--	--	--	30	--
06/29/96	--	--	--	--	--	--	--	--	--	--	--	--	89	--
06/28/97	--	--	--	--	--	--	--	--	--	--	--	--	0.63	--
<b>MW-5</b>														
10/10/90	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
03/01/91	--	--	--	--	--	--	ND	--	--	--	--	--	3.5	--
06/03/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
09/05/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
12/09/91	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
06/13/92	--	--	--	--	--	--	--	--	--	--	--	--	14	--
12/09/92	--	--	--	--	--	--	--	--	--	--	--	--	25	--
06/17/93	--	--	--	--	--	--	--	--	--	--	--	--	7.9	--
12/11/93	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
06/11/94	--	--	--	--	--	--	--	--	--	--	--	--	2.3	--
12/17/94	--	--	--	--	--	--	--	--	--	--	--	--	4.1	--
06/24/95	--	--	--	--	--	--	--	--	--	--	--	--	5.1	--
12/16/95	--	--	--	--	--	--	--	--	--	--	--	--	3.8	--
06/29/96	--	--	--	--	--	--	--	--	--	--	--	--	5.6	--
06/28/97	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
06/18/98	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
09/16/98	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
12/30/98	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
03/18/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
06/16/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
09/23/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
12/23/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--

**Table 3**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 4320**

Date Sampled	TPH-D (µg/l)	EDC (µg/l)	1,1,1-Trichloro-ethane (µg/l)	1,1-Dichloro-ethane (µg/l)	1,1-Dichloro-ethene (µg/l)	EDB (µg/l)	Organic Lead (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8260B (µg/l)	Nitrate (mg/l)	TOG (mg/l)
<b>MW-5 continued</b>														
03/31/00	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
06/15/00	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
09/22/00	--	--	--	--	--	--	--	ND	62	ND	ND	ND	--	--
12/21/00	--	--	--	--	--	--	--	ND	70	ND	ND	ND	--	--
03/15/01	--	ND	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
06/14/01	--	ND	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
09/11/01	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<1000	--	--
11/13/01	--	ND<1.0	--	--	--	ND<1.0	--	ND<1.0	63	ND<1.0	ND<1.0	ND<500	--	--
02/12/02	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
05/14/02	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
08/13/02	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<500	--	--
12/10/02	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/12/03	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
06/11/03	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/10/03	--	ND<10	--	--	--	ND<10	--	ND<10	ND<500	ND<10	ND<10	ND<2500	--	--
12/10/03	--	ND<20	--	--	--	ND<20	--	ND<20	ND<1000	ND<20	ND<20	ND<5000	--	--
03/23/04	--	ND<10	--	--	--	ND<10	--	ND<10	ND<500	ND<10	ND<10	ND<2500	--	--
06/22/04	--	ND<0.5	--	--	--	ND<0.5	--	ND<1	ND<12	ND<1	ND<1	ND<800	--	--
09/28/04	--	ND<5.0	--	--	--	ND<5.0	--	ND<5.0	ND<50	ND<10	ND<5.0	ND<500	--	--
12/13/04	--	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	34	ND<1.0	ND<0.50	ND<50	--	--
<b>MW-6</b>														
10/10/90	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
03/01/91	--	--	--	--	--	--	ND	--	--	--	--	--	ND	--
06/03/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
09/05/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
D 09/05/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--

Table 3  
**ADDITIONAL ANALYTICAL RESULTS**  
 76 Station 4320

Date Sampled	TPH-D (µg/l)	EDC (µg/l)	1,1,1- Trichloro- ethane (µg/l)	1,1- Dichloro- ethane (µg/l)	1,1- Dichloro- ethene (µg/l)	EDB (µg/l)	Organic Lead (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8260B (µg/l)	Nitrate (mg/l)	TOG (mg/l)
MW-6 continued														
12/09/91	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
06/13/92	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
12/09/92	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
06/17/93	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
12/11/93	--	--	ND	ND	--	--	--	--	--	--	--	--	ND	--
06/11/94	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
12/17/94	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
06/24/95	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
12/16/95	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
06/29/96	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
06/18/98	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
09/16/98	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
12/30/98	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
03/18/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
06/16/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
09/23/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
12/23/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
03/31/00	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
06/15/00	--	--	--	--	--	--	--	ND	94	ND	ND	ND	--	--
09/22/00	--	--	--	--	--	--	--	ND	110	ND	ND	ND	--	--
12/21/00	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
03/15/01	--	ND	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
06/14/01	--	ND	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
09/11/01	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<1000	--	--
11/13/01	--	ND<1.0	--	--	--	ND<1.0	--	ND<1.0	92	ND<1.0	ND<1.0	ND<500	--	--
02/12/02	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--

Table 3  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 4320**

Date Sampled	TPH-D (µg/l)	EDC (µg/l)	1,1,1- Trichloro- ethane (µg/l)	1,1- Dichloro- ethane (µg/l)	1,1- Dichloro- ethene (µg/l)	EDB (µg/l)	Organic Lead (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8260B (µg/l)	Nitrate (mg/l)	TOG (mg/l)
MW-6 continued														
05/14/02	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
08/13/02	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<500	--	--
12/10/02	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/12/03	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
06/11/03	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/10/03	--	ND<10	--	--	--	ND<10	--	ND<10	ND<500	ND<10	ND<10	ND<2500	--	--
12/10/03	--	ND<4.0	--	--	--	ND<4.0	--	ND<4.0	ND<200	ND<4.0	ND<4.0	ND<1000	--	--
03/23/04	--	ND<10	--	--	--	ND<10	--	ND<10	ND<500	ND<10	ND<10	ND<2500	--	--
06/22/04	--	ND<0.5	--	--	--	ND<0.5	--	ND<1	ND<12	ND<1	ND<1	ND<800	--	--
09/28/04	--	ND<1.0	--	--	--	ND<1.0	--	ND<1.0	20	ND<2.0	ND<1.0	ND<100	--	--
12/13/04	--	ND<1.0	--	--	--	ND<1.0	--	ND<1.0	27	ND<2.0	ND<1.0	ND<100	--	--
MW-7														
10/10/90	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
03/01/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
06/03/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
09/05/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
MW-8														
10/10/90	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
D 10/10/90	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
06/03/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
09/05/91	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
MW-9														
03/13/93	--	--	ND	ND	--	--	--	--	--	--	--	--	--	--
06/17/93	--	--	--	ND	ND	--	--	--	--	--	--	--	--	--
09/18/93	--	--	ND	ND	--	--	--	--	--	--	--	--	--	--
12/11/93	--	--	ND	ND	--	--	--	--	--	--	--	--	--	--

Table 3  
**ADDITIONAL ANALYTICAL RESULTS**  
 76 Station 4320

Date Sampled	TPH-D (µg/l)	EDC (µg/l)	1,1,1-Trichloro-ethane (µg/l)	1,1-Dichloro-ethane (µg/l)	1,1-Dichloro-ethene (µg/l)	EDB (µg/l)	Organic Lead (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8260B (µg/l)	Nitrate (mg/l)	TOG (mg/l)
<b>MW-9 continued</b>														
03/12/94	--	--	ND	ND	--	--	--	--	--	--	--	--	--	--
06/11/94	--	--	ND	ND	--	--	--	--	--	--	--	--	--	--
09/17/94	--	--	ND	ND	--	--	--	--	--	--	--	--	--	--
<b>MW-10</b>														
06/18/98	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
09/16/98	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
03/18/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
09/23/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
03/31/00	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
09/22/00	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
03/15/01	--	ND	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
09/11/01	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<1000	--	--
02/12/02	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
08/13/02	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<500	--	--
03/12/03	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/10/03	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/23/04	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/28/04	--	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--	--
<b>MW-11</b>														
06/18/98	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
09/16/98	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
03/18/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
09/23/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
03/31/00	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
09/22/00	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
03/15/01	--	ND	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--

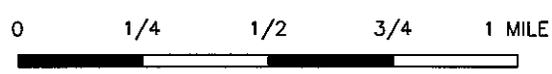
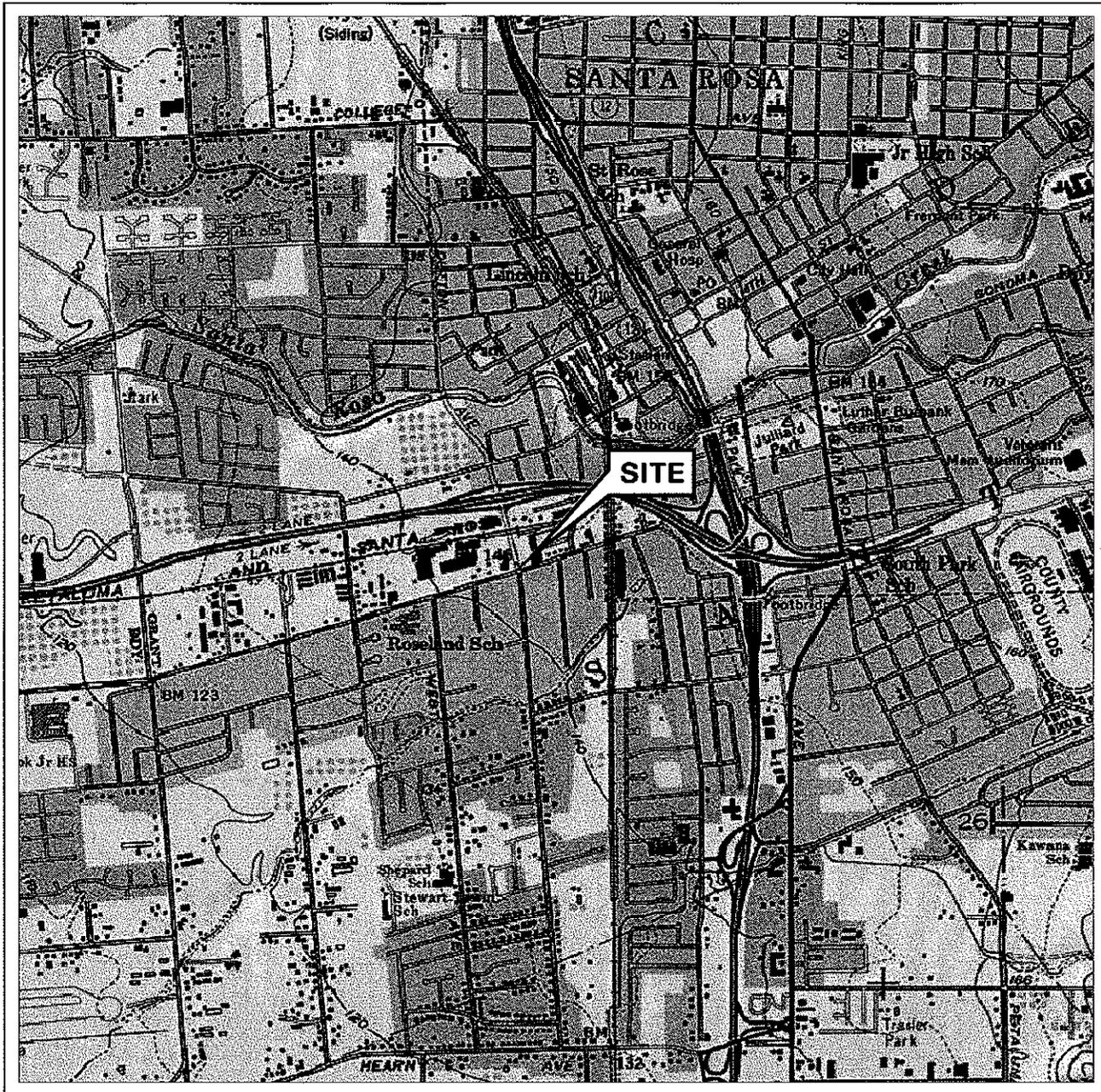
Table 3  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 4320**

Date Sampled	TPH-D (µg/l)	EDC (µg/l)	1,1,1- Trichloro- ethane (µg/l)	1,1- Dichloro- ethane (µg/l)	1,1- Dichloro- ethene (µg/l)	EDB (µg/l)	Organic Lead (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8260B (µg/l)	Nitrate (mg/l)	TOG (mg/l)
<b>MW-11 continued</b>														
09/11/01	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<1000	--	--
02/12/02	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
08/13/02	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<500	--	--
03/12/03	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/10/03	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/23/04	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/28/04	--	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--	--
<b>MW-12</b>														
09/10/03	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
<b>MW-13</b>														
06/18/98	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
09/16/98	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
12/30/98	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
03/18/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
06/16/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
09/23/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
12/23/99	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
03/31/00	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
06/15/00	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
09/22/00	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
12/21/00	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--
03/15/01	--	ND	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
06/14/01	--	ND	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
09/11/01	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<1000	--	--
11/13/01	--	ND<1.0	--	--	--	ND<1.0	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<500	--	--
02/12/02	--	ND<2.0	--	--	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--

Table 3  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 4320**

Date Sampled	TPH-D (µg/l)	EDC (µg/l)	1,1,1-Trichloro-ethane (µg/l)	1,1-Dichloro-ethane (µg/l)	1,1-Dichloro-ethene (µg/l)	EDB (µg/l)	Organic Lead (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8260B (µg/l)	Nitrate (mg/l)	TOG (mg/l)
<b>MW-13 continued</b>														
05/14/02	--	ND<2.0	--	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
08/13/02	--	ND<2.0	--	--	ND<2.0	ND<2.0	--	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<500	--	--
12/10/02	--	ND<2.0	--	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/12/03	--	ND<2.0	--	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
06/11/03	--	ND<2.0	--	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
12/10/03	--	ND<4.0	--	--	ND<4.0	ND<4.0	--	ND<4.0	ND<200	ND<4.0	ND<4.0	ND<1000	--	--
03/23/04	--	ND<2.0	--	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
06/22/04	--	ND<0.5	--	--	ND<0.5	ND<0.5	--	ND<1	ND<12	ND<1	ND<1	ND<800	--	--
09/28/04	--	ND<0.50	--	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--	--
<b>MW-14</b>														
02/12/02	--	ND<2.0	--	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
05/14/02	--	ND<2.0	--	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
08/13/02	--	ND<2.0	--	--	ND<2.0	ND<2.0	--	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<500	--	--
12/10/02	--	ND<2.0	--	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/12/03	--	ND<2.0	--	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
06/11/03	--	ND<2.0	--	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/10/03	--	ND<2.0	--	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
12/10/03	--	ND<2.0	--	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/23/04	--	ND<2.0	--	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
06/22/04	--	ND<0.5	--	--	ND<0.5	ND<0.5	--	ND<1	ND<12	ND<1	ND<1	ND<800	--	--
09/28/04	--	ND<0.50	--	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--	--
12/13/04	--	ND<0.50	--	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--	--

# FIGURES



SCALE 1:24,000



**VICINITY MAP**

76 Station 4320  
 320 Sebastopol Road  
 Santa Rosa, California

**SOURCE:**

United States Geological Survey  
 7.5 Minute Topographic Map:  
 Santa Rosa & Sebastopol  
 Quadrangles

**FIGURE 1**

**TRC**

PS = 1:1

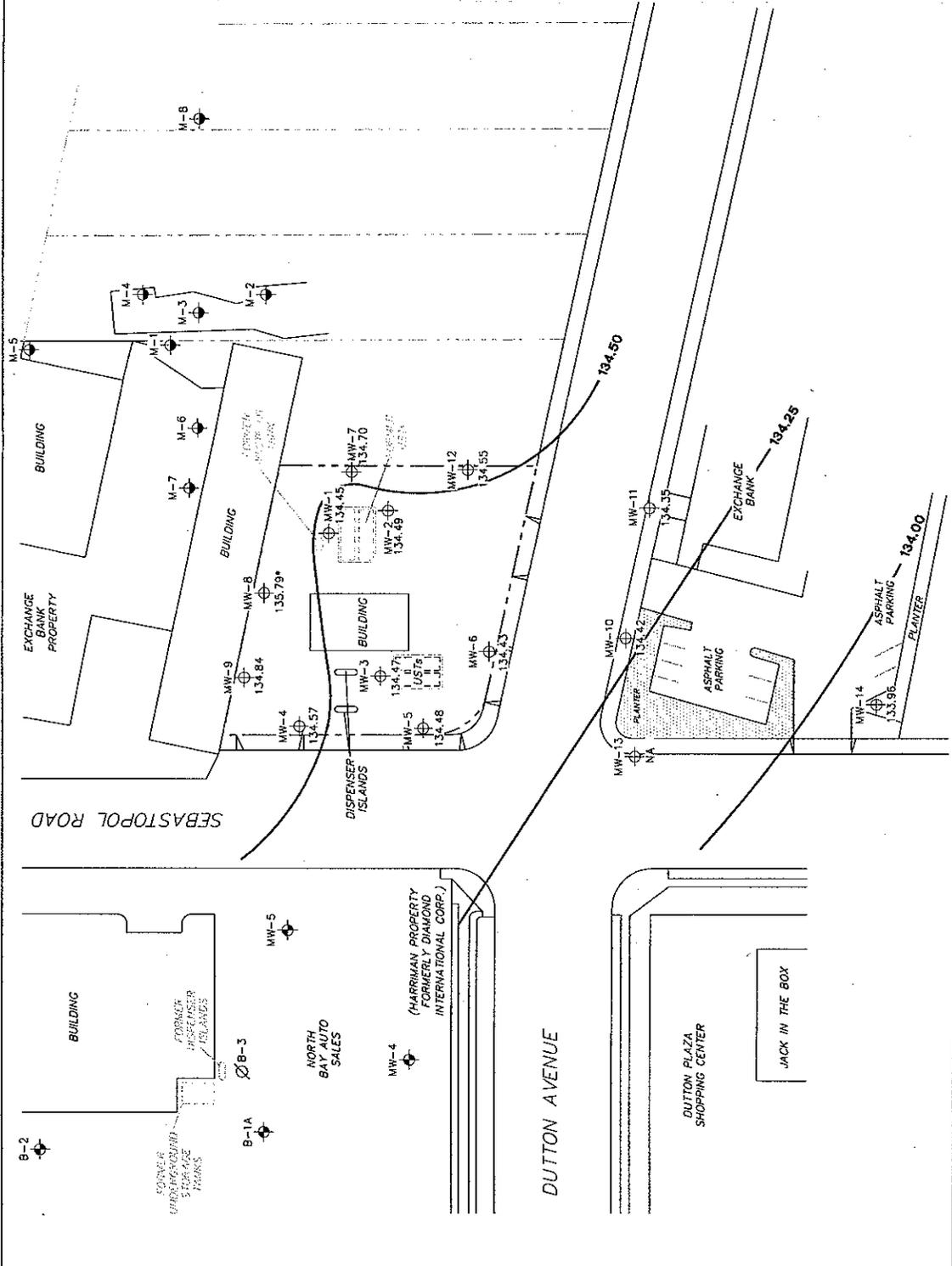
**TRC**

SCALE (FEET)  
0 60

**TRC** **FIGURE 2**

**GROUNDWATER ELEVATION  
CONTOUR MAP**  
December 13, 2004

76 Station 4320  
370 Sebastopol Road  
Santa Rosa, California

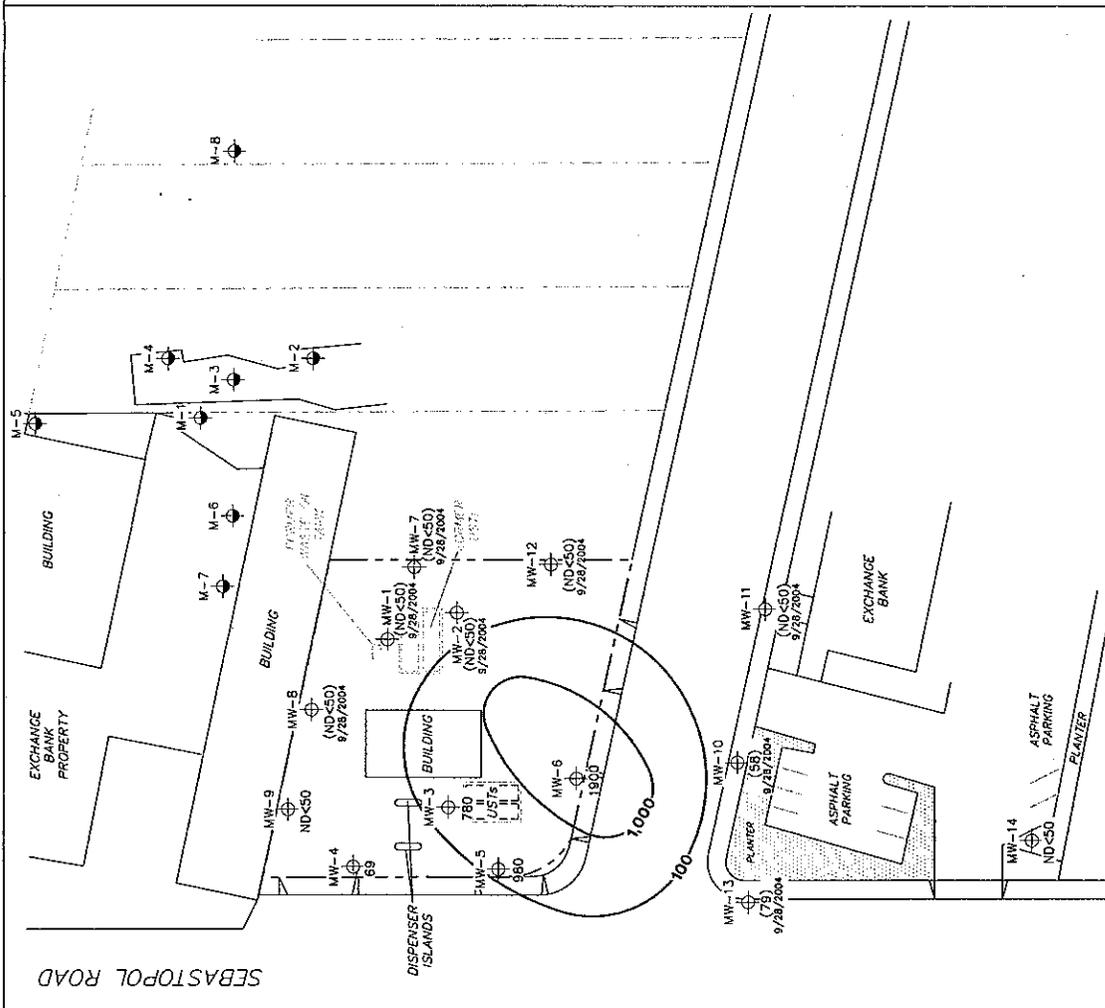
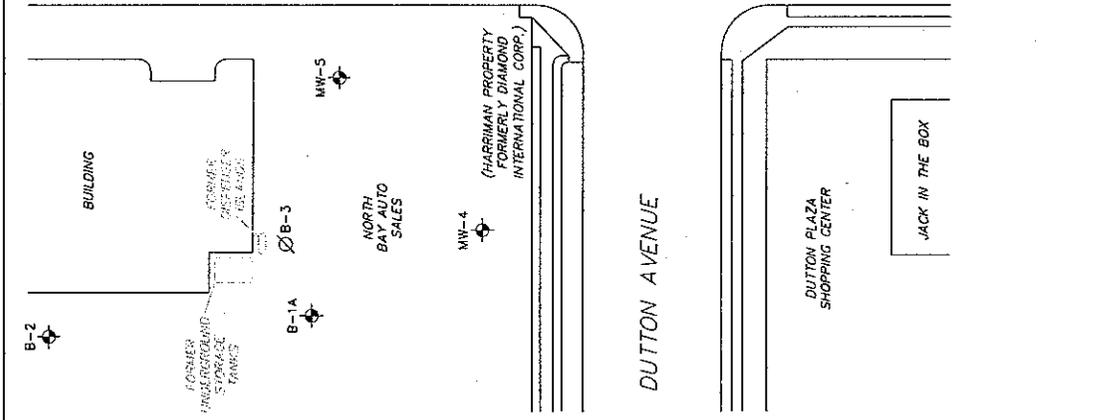


**NOTES:**  
Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank. NA = not analyzed, measured, or collected. \* = not included in groundwater contour interpretation.

**LEGEND**

- MW-14 ◊ Monitoring Well with Groundwater Elevation (feet)
- MW-5 ◊ Harriman Monitoring Well
- M-8 ◊ Exchange Bank Monitoring Well
- B-3 ◊ Abandoned Well
- 134.50 — Groundwater Elevation Contour
- ↑ General Direction of Groundwater Flow

**TRC**



**LEGEND**

- MW-14 Monitoring Well with Dissolved-Phase TPH-G Concentration ( $\mu\text{g/l}$ )
- MW-5 Harriman Monitoring Well
- M-8 Exchange Bank Monitoring Well
- B-3 Abandoned Well
- 1000- Dissolved-Phase TPH-G Contour ( $\mu\text{g/l}$ )

**NOTES:**  
 Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPH-G = total petroleum hydrocarbons as gasoline.  $\mu\text{g/l}$  = micrograms per liter, ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Results obtained using EPA Method 8015. ( ) = representative of historical value.

**DISSOLVED-PHASE TPH-G CONCENTRATION MAP**  
 December 13, 2004

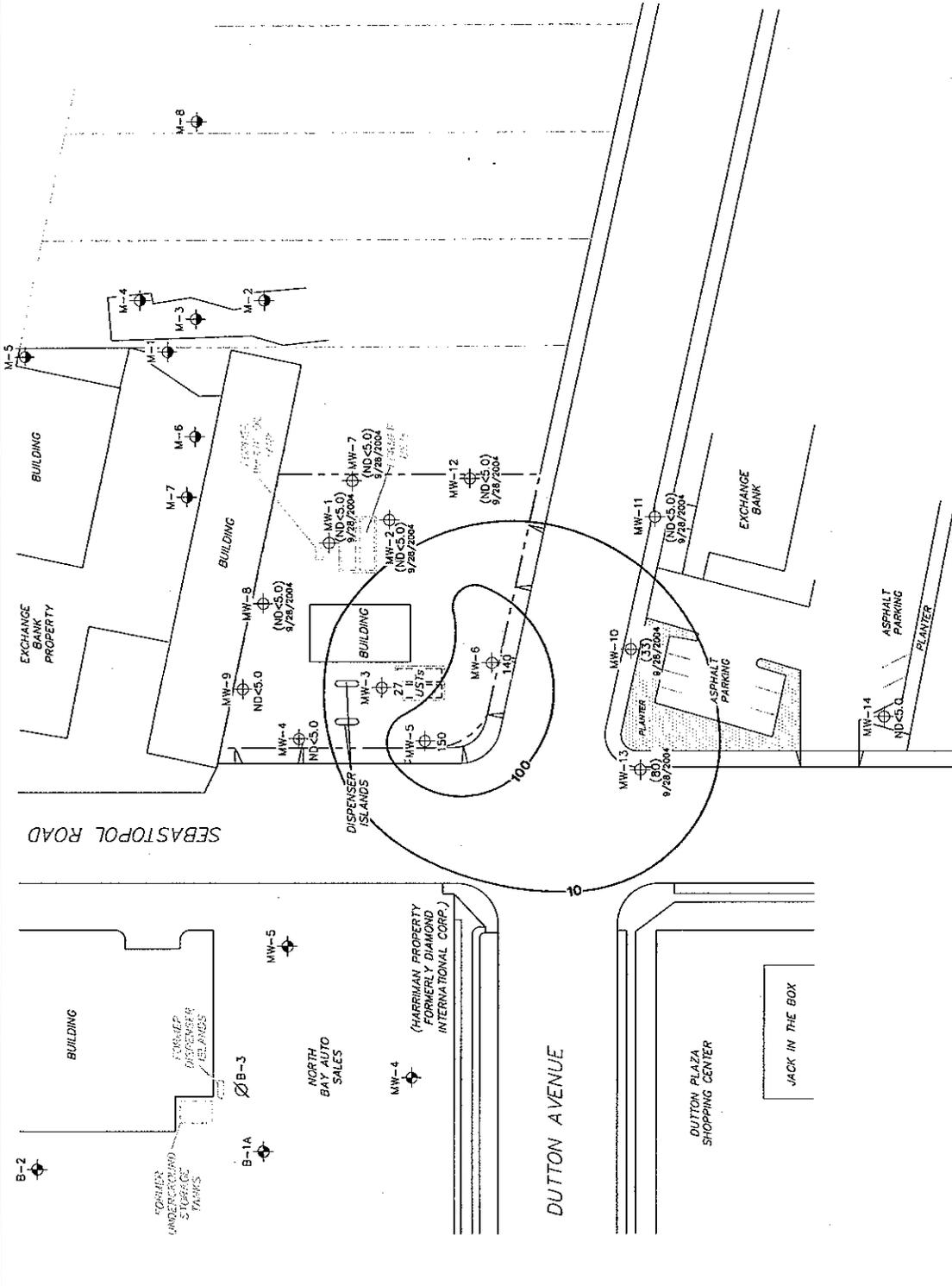
76 Station 4320  
 370 Sebastopol Road  
 Santa Rosa, California

**TRC** **FIGURE 3**



**TRC**

SCALE (FEET)  
0 60



**LEGEND**

- MW-14 ◉ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)
- MW-5 ◉ Harriman Monitoring Well
- M-8 ◉ Exchange Bank Monitoring Well
- B-3 ◉ Abandoned Well
- 100 — Dissolved-Phase MTBE Contour (µg/l)

**NOTES:**

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected. UST = underground storage tank. Results obtained using EPA Method 821B. Dashes indicate non-detect at elevated detection limit. ( ) = representative of historical value.

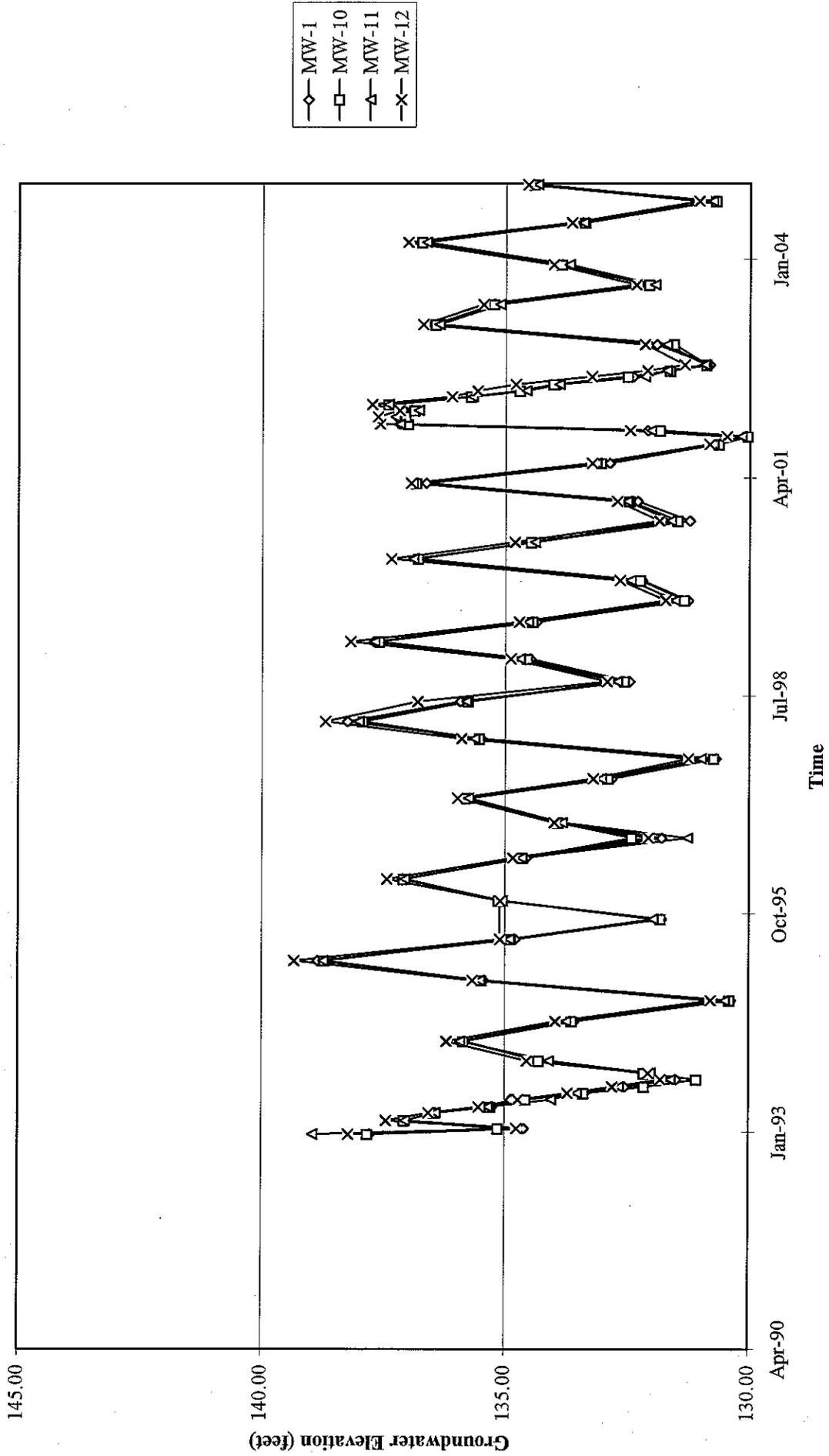
**DISSOLVED-PHASE MTBE  
CONCENTRATION MAP  
December 19, 2004**

76 Station 4320  
370 Sebastopol Road  
Santa Rosa, California

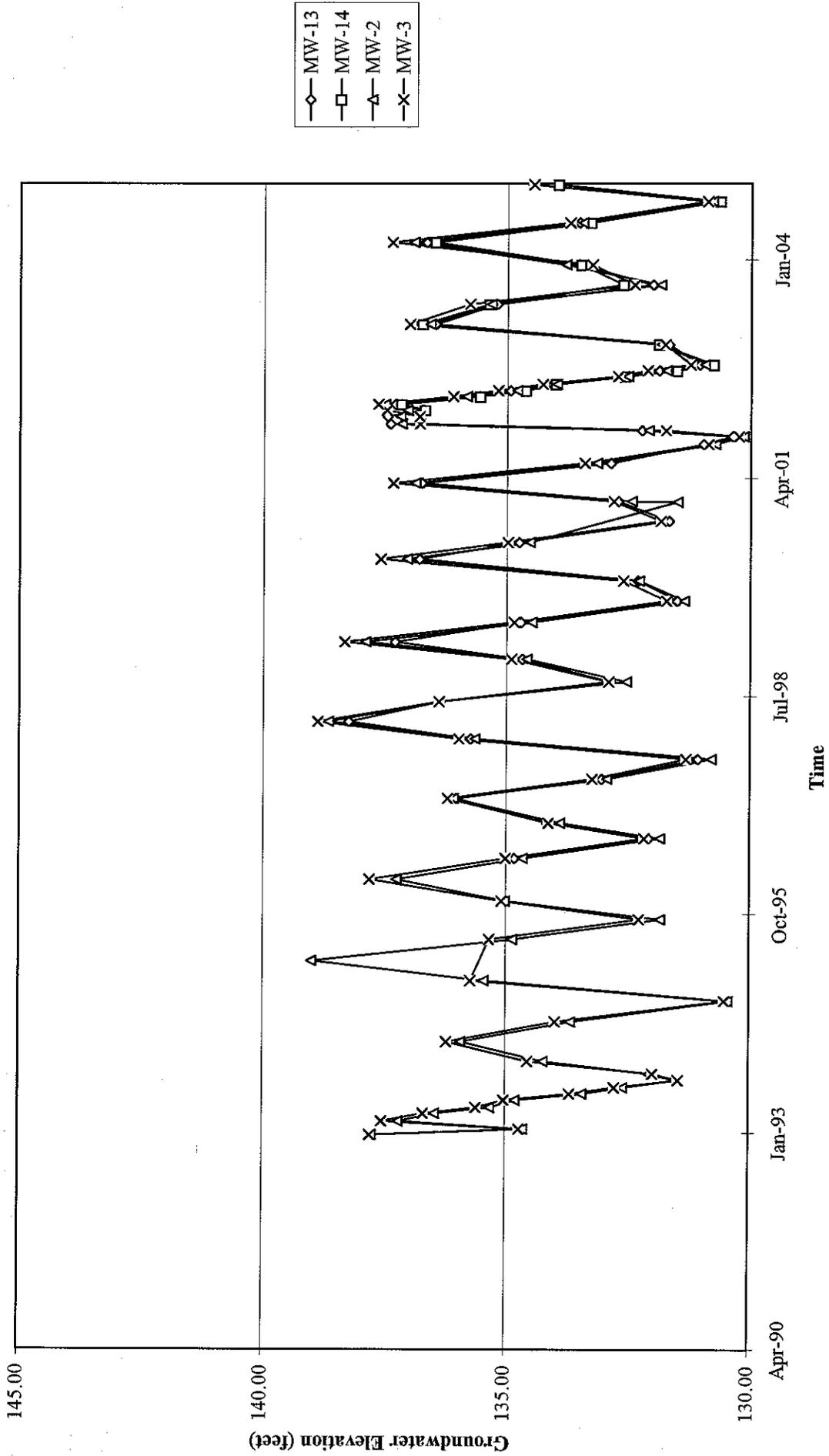
**TRC** **FIGURE 5**

# GRAPHS

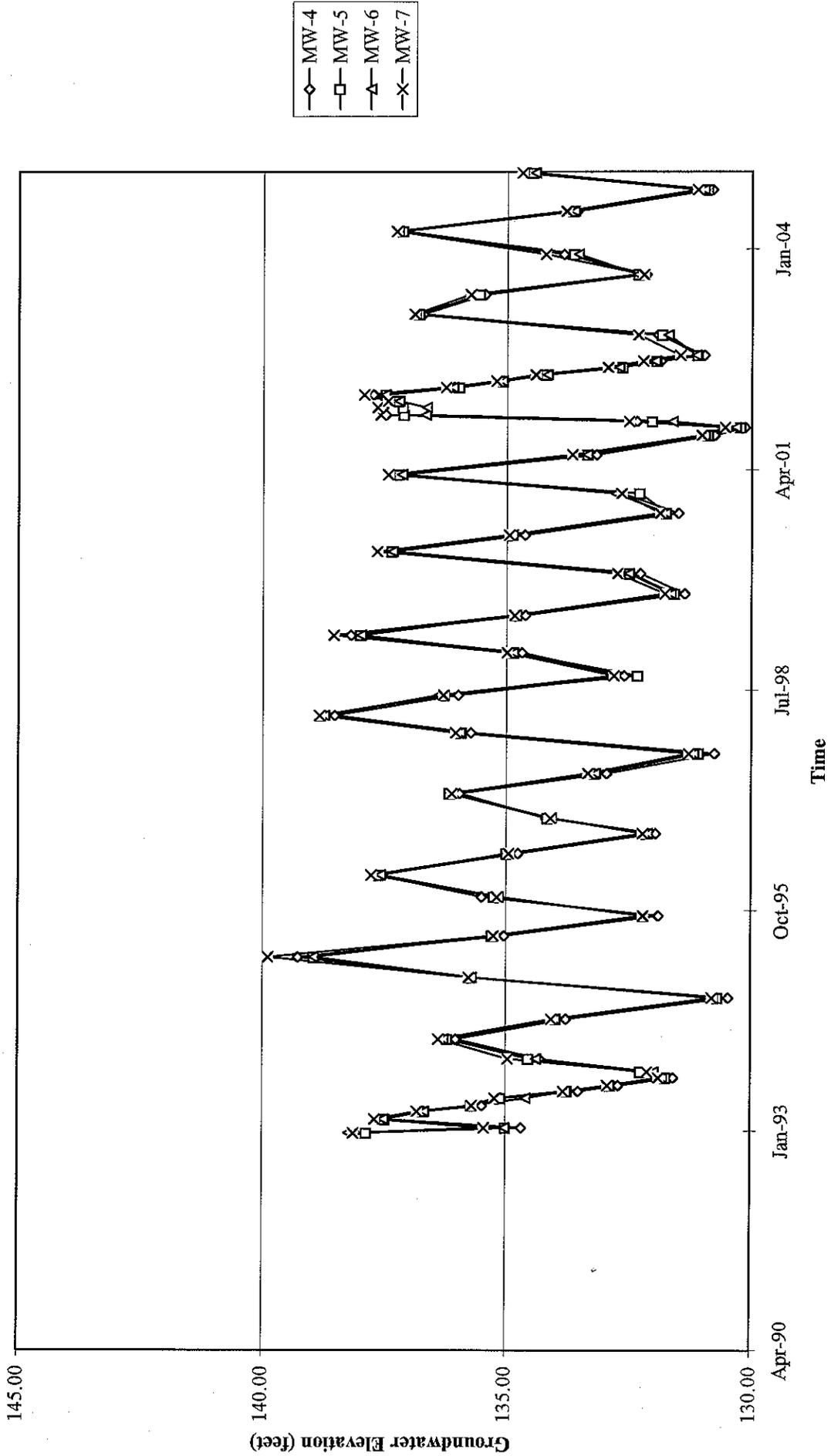
Groundwater Elevations vs. Time  
76 Station 4320



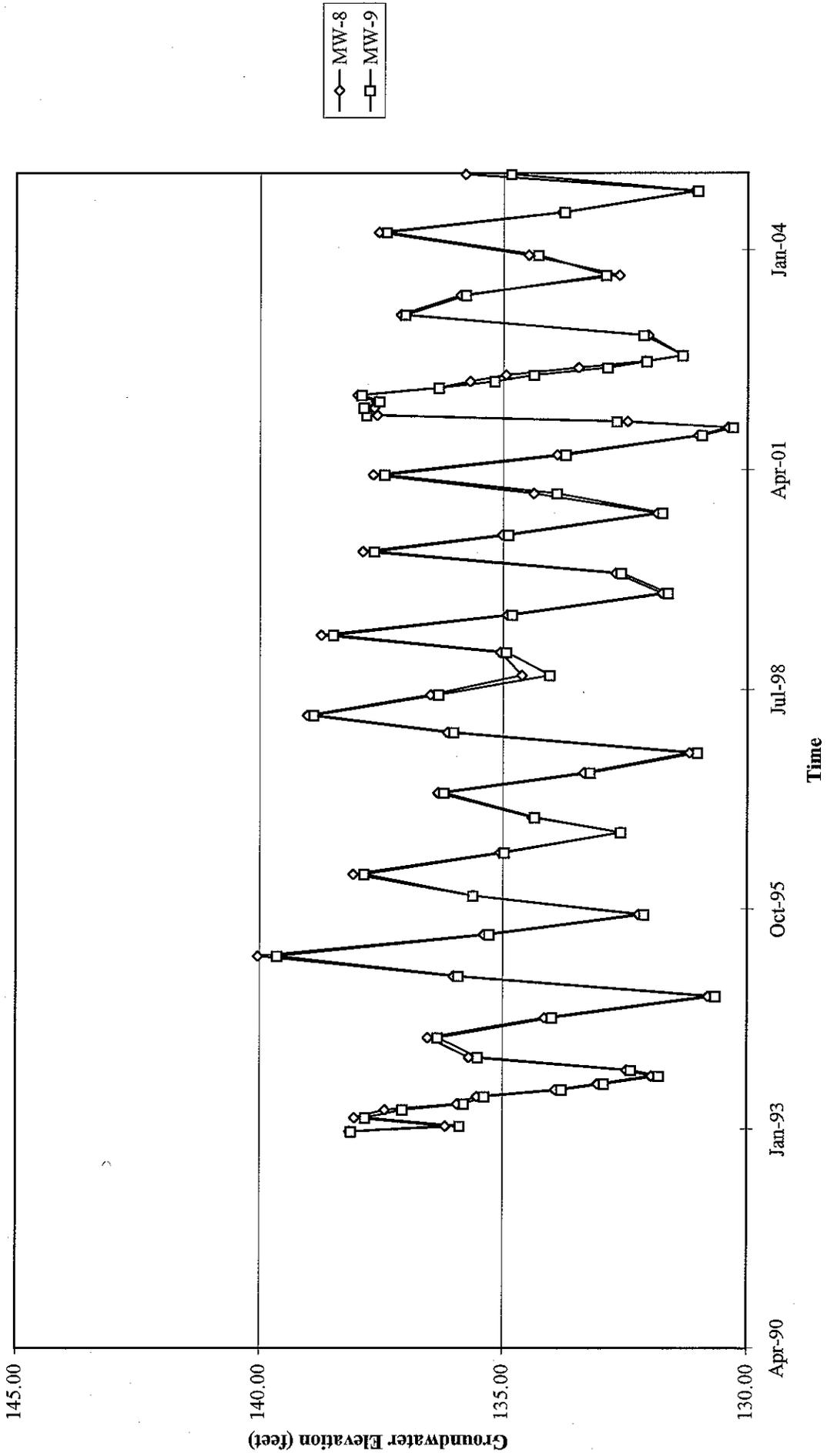
Groundwater Elevations vs. Time  
76 Station 4320



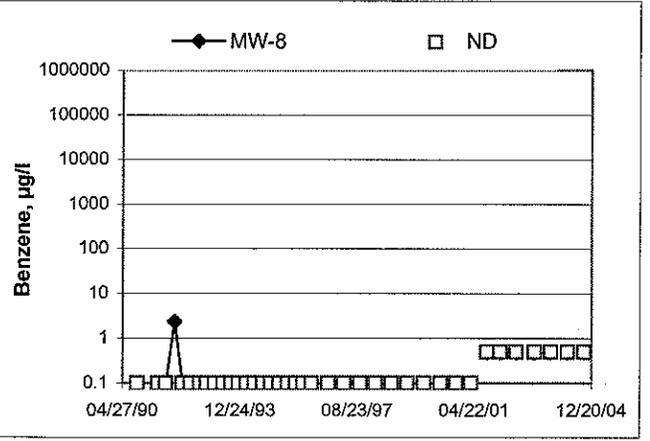
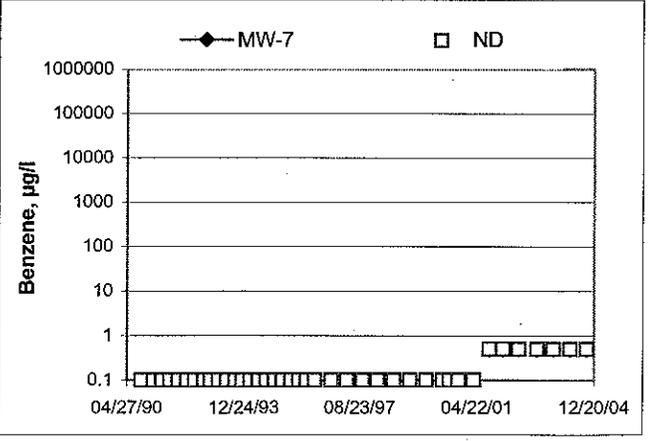
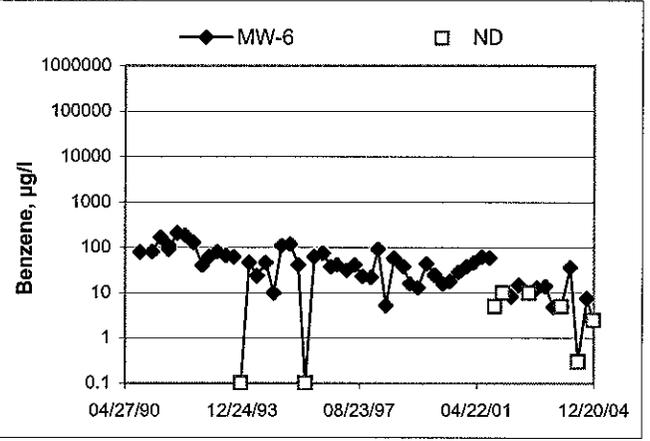
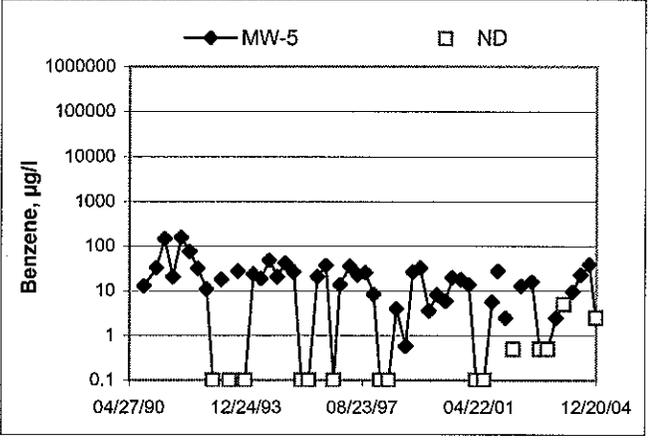
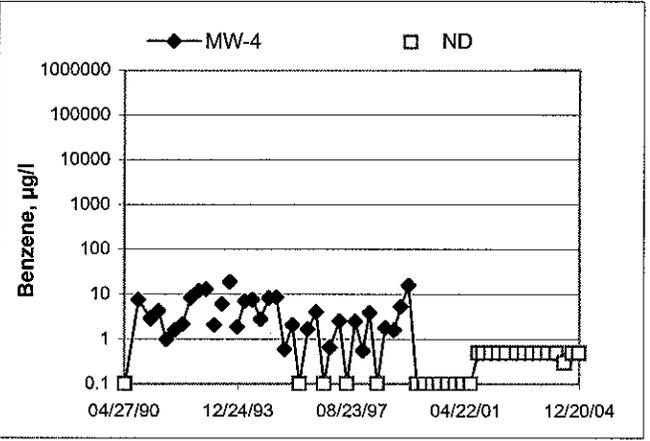
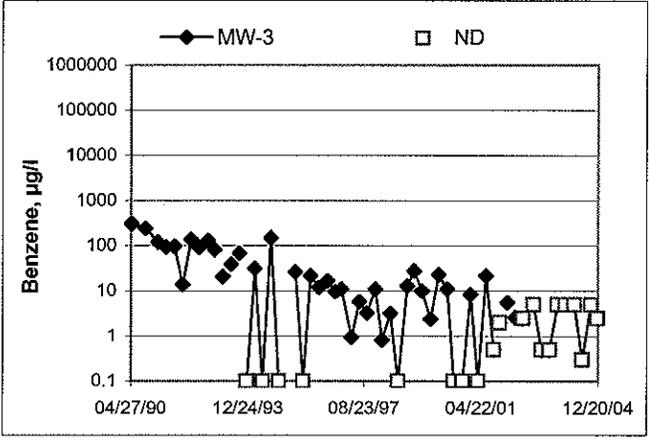
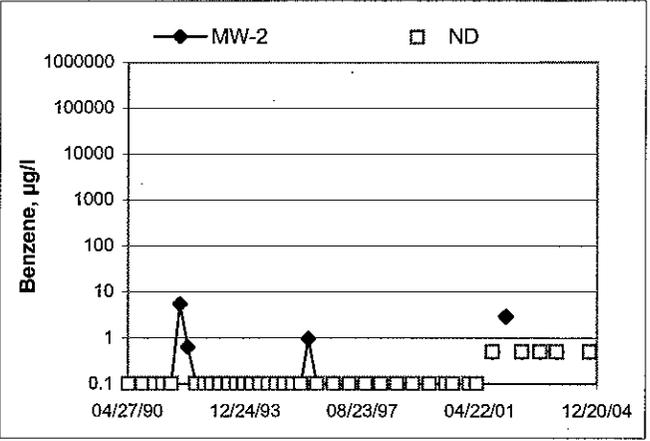
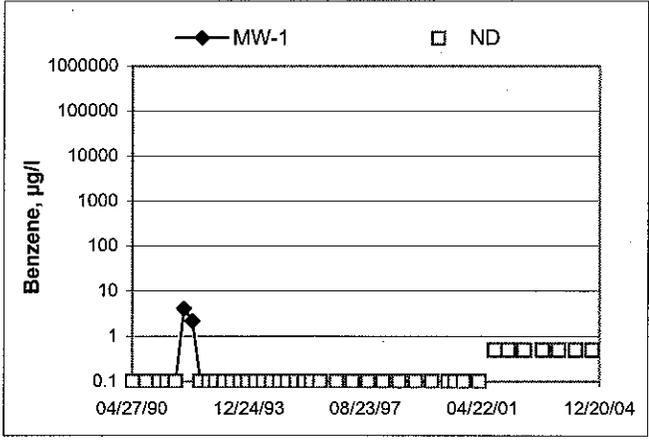
Groundwater Elevations vs. Time  
76 Station 4320



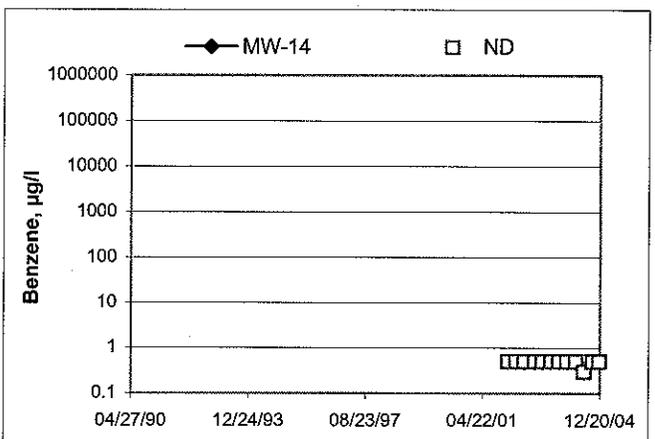
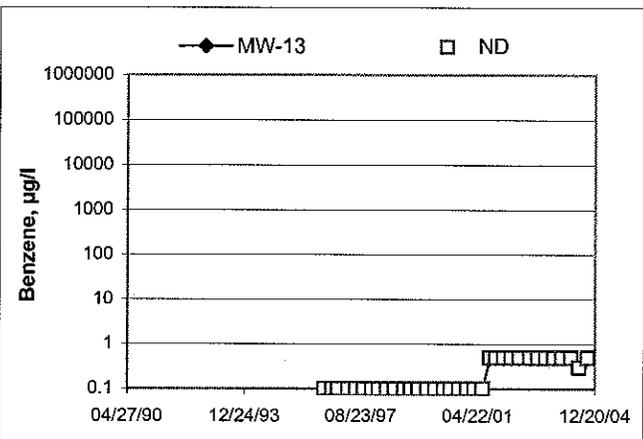
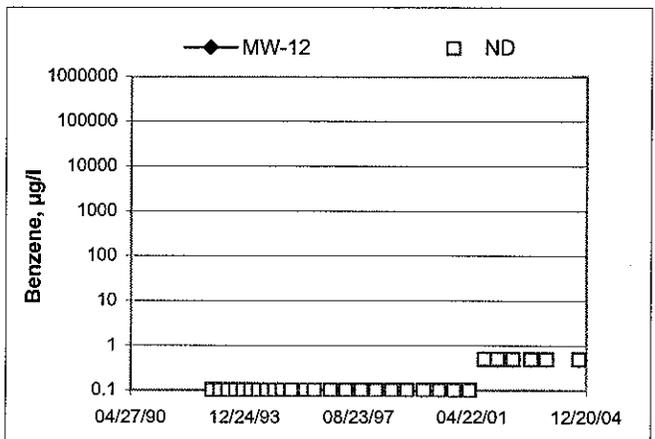
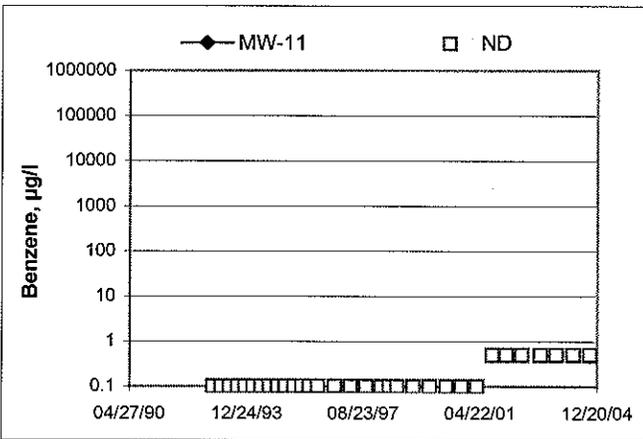
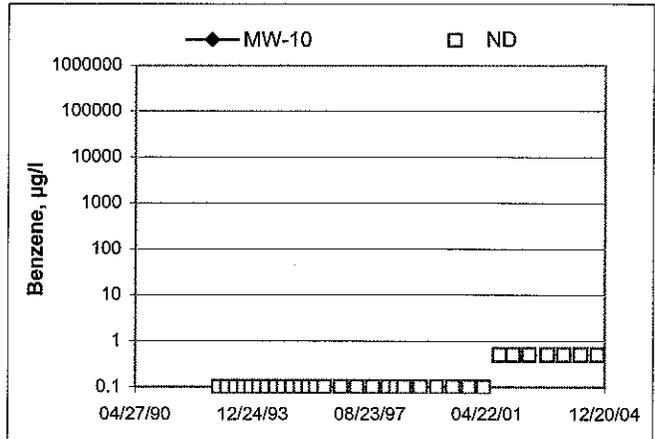
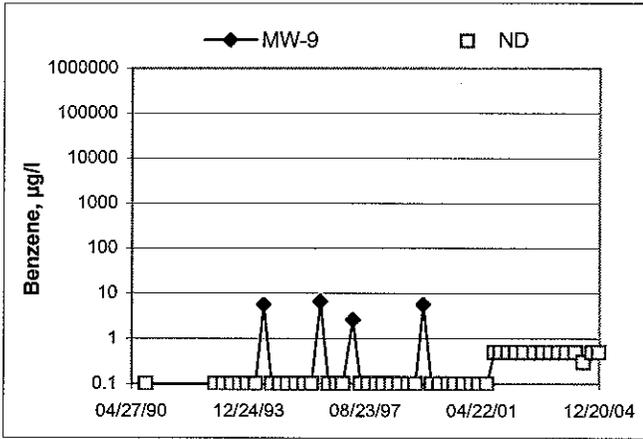
Groundwater Elevations vs. Time  
76 Station 4320



Benzene Concentrations vs Time  
76 Station 4320



**Benzene Concentrations vs Time**  
76 Station 4320



## GENERAL FIELD PROCEDURES

### **Groundwater Monitoring and Sampling Assignments**

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

### **Fluid Level Measurements**

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage, or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

### **Purging and Groundwater Parameter Measurement**

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurement are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

### **Groundwater Sample Collection**

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, and the samplers initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

### **Sequence of Gauging, Purging, and Sampling**

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least-affected well and ending with the well that has highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected well to the most-affected well.

### **Decontamination**

In order to reduce the possibility of cross-contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

### **Exceptions**

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.



GROUNDWATER SAMPLING FIELD NOTES

Site: RR 4320

Technician: Rick R.

Project No.: 41050001 FA20

Date: 12/13/04

Well No.: NW-4

Purge Method: DIA

Depth to Water (feet): 10.07

Depth to Product (feet): 0

Total Depth (feet): 23.69

LPH & Water Recovered (gallons): 0

Water Column (feet): 13.62

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.79

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F) (C)	pH	Turbidity	D.O.
0847			2	399	20.0	6.77		
			4	623	20.8	6.73		
	0853		6	647	20.8	6.74		
Static at Time Sampled		Total Gallons Purged		Time Sampled				
10.75		6		1045				
Comments:								

Well No.: MW-3

Purge Method: DIA

Depth to Water (feet): 9.76

Depth to Product (feet): 0

Total Depth (feet): 22.19

LPH & Water Recovered (gallons): 0

Water Column (feet): 12.43

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.05

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F) (C)	pH	Turbidity	D.O.
0900			2	663	14.6	7.29		
			4	614	20.2	6.71		
	0904		6	573	20.6	6.74		
Static at Time Sampled		Total Gallons Purged		Time Sampled				
10.79		6		1105				
Comments:								

**GROUNDWATER SAMPLING FIELD NOTES**

Site: 4320

Technician: Rick R.

Project No.: 41030001/FA20

Date: 12/13/04

Well No.: MW-5

Purge Method: DIA

Depth to Water (feet): 9.68

Depth to Product (feet): 0

Total Depth (feet): 19.78

LPH & Water Recovered (gallons): 0

Water Column (feet): 10.10

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 11.70

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0912			2	574	20.6	6.85		
			4	580	21.7	6.80		
	0915		6	585	21.8	6.94		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
10.75		6	1125					
Comments:								

Well No.: \_\_\_\_\_

Purge Method: \_\_\_\_\_

Depth to Water (feet): \_\_\_\_\_

Depth to Product (feet): \_\_\_\_\_

Total Depth (feet): \_\_\_\_\_

LPH & Water Recovered (gallons): \_\_\_\_\_

Water Column (feet): \_\_\_\_\_

Casing Diameter (Inches): \_\_\_\_\_

80% Recharge Depth (feet): \_\_\_\_\_

1 Well Volume (gallons): \_\_\_\_\_

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
Static at Time Sampled			Total Gallons Purged		Time Sampled			
Comments:								

GROUNDWATER SAMPLING FIELD NOTES

Site: 4320

Technician: Travis J.

Project No.: 41050001/FA20

Date: 12-13-04

Well No.: MW-9  
 Depth to Water (feet): 10.34  
 Total Depth (feet): 21.79  
 Water Column (feet): 11.45  
 80% Recharge Depth (feet): 12.63

Purge Method: Dia  
 Depth to Product (feet): 0  
 LPH & Water Recovered (gallons): 0  
 Casing Diameter (Inches): 2"  
 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
8:11			2	636	19.0	6.33		
			4	642	19.9	6.60		
	8:27		6	582	20.5	6.66		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
11:22	<del>12:22</del> TV		6			10:27		
Comments:								

Well No.: MW-14  
 Depth to Water (feet): 8.81  
 Total Depth (feet): 18.49  
 Water Column (feet): 9.68  
 80% Recharge Depth (feet): 10.74

Purge Method: Dia  
 Depth to Product (feet): 0  
 LPH & Water Recovered (gallons): 0  
 Casing Diameter (Inches): 2"  
 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0836			2	695	19.6	6.77		
			4	685	19.0	6.88		
	8:46		6	643	20.0	6.84		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
8:36			6			10:46		
Comments:								

**GROUNDWATER SAMPLING FIELD NOTES**

Technician: Travis V.  
 Site: 4320 Project No.: 41050001/FA20 Date: 12-13-04  
 Well No.: mw-6 Purge Method: Dir  
 Depth to Water (feet): 8.77 Depth to Product (feet): Ø  
 Total Depth (feet): 19.90 LPH & Water Recovered (gallons): Ø  
 Water Column (feet): 11.13 Casing Diameter (Inches): 2"  
 80% Recharge Depth (feet): 10.99 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
854			2	607	21.3	6.65		
			4	598	21.5	6.55		
	902		6	587	22.4	6.53		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
8.77			6		10:47			
Comments:								

Well No.: \_\_\_\_\_ Purge Method: \_\_\_\_\_  
 Depth to Water (feet): \_\_\_\_\_ Depth to Product (feet): \_\_\_\_\_  
 Total Depth (feet): \_\_\_\_\_ LPH & Water Recovered (gallons): \_\_\_\_\_  
 Water Column (feet): \_\_\_\_\_ Casing Diameter (Inches): \_\_\_\_\_  
 80% Recharge Depth (feet): \_\_\_\_\_ 1 Well Volume (gallons): \_\_\_\_\_

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
Static at Time Sampled			Total Gallons Purged		Time Sampled			
Comments:								

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 12/13/04 STATION NUMBER: 4320

NAME OF TECH: Rick R. CALLED GORDON: \_\_\_\_\_

CALLED PM: X NAME OF PM CALLED: ADRIENNE collins

WELL NUMBER: MW-13 STATEMENT FROM PM \_\_\_\_\_ OR TECH X

WELL PAUED OVER.

WELL NUMBER: \_\_\_\_\_ STATEMENT FROM PM \_\_\_\_\_ OR TECH \_\_\_\_\_

WELL NUMBER: \_\_\_\_\_ STATEMENT FROM PM \_\_\_\_\_ OR TECH \_\_\_\_\_

WELL NUMBER: \_\_\_\_\_ STATEMENT FROM PM \_\_\_\_\_ OR TECH \_\_\_\_\_

**TRC Alton Geoscience- Irvine**

December 29, 2004

21 Technology Drive  
Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001FA20

Project: Conoco Phillips # 4320

Site: 370 Sebastopol Rd./ Santa Rosa

Attached is our report for your samples received on 12/13/2004 17:45

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 01/27/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: [dsharma@stl-inc.com](mailto:dsharma@stl-inc.com)

Sincerely,



Dimple Sharma  
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* [www.stl-inc.com](http://www.stl-inc.com) \* CA DHS ELAP# 2496

**Gas/BTEX Fuel Oxygenates by 8260B**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW-3	12/13/2004 11:05	Water	2
MW-5	12/13/2004 11:25	Water	3
MW-14	12/13/2004 10:46	Water	5
MW-6	12/13/2004 10:47	Water	6

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

12/28/2004 11:19

**Gas/BTEX Fuel Oxygenates by 8260B**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-3	Lab ID: 2004-12-0517 - 2
Sampled: 12/13/2004 11:05	Extracted: 12/23/2004 21:30
Matrix: Water	QC Batch#: 2004/12/23-1C.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	12/23/2004 21:30	
Methyl tert-butyl ether (MTBE)	23	0.50	ug/L	1.00	12/23/2004 21:30	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	12/23/2004 21:30	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	12/23/2004 21:30	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	12/23/2004 21:30	
1,2-DCA	ND	0.50	ug/L	1.00	12/23/2004 21:30	
EDB	ND	0.50	ug/L	1.00	12/23/2004 21:30	
Ethanol	ND	50	ug/L	1.00	12/23/2004 21:30	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	101.2	73-130	%	1.00	12/23/2004 21:30	
Toluene-d8	98.1	81-114	%	1.00	12/23/2004 21:30	

**Gas/BTEX Fuel Oxygenates by 8260B**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-5	Lab ID:	2004-12-0517 - 3
Sampled:	12/13/2004 11:25	Extracted:	12/24/2004 10:19
Matrix:	Water	QC Batch#:	2004/12/24-1B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	34	5.0	ug/L	1.00	12/24/2004 10:19	
Methyl tert-butyl ether (MTBE)	180	0.50	ug/L	1.00	12/24/2004 10:19	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	12/24/2004 10:19	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	12/24/2004 10:19	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	12/24/2004 10:19	
1,2-DCA	ND	0.50	ug/L	1.00	12/24/2004 10:19	
EDB	ND	0.50	ug/L	1.00	12/24/2004 10:19	
Ethanol	ND	50	ug/L	1.00	12/24/2004 10:19	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	110.2	73-130	%	1.00	12/24/2004 10:19	
Toluene-d8	107.8	81-114	%	1.00	12/24/2004 10:19	

**Gas/BTEX Fuel Oxygenates by 8260B**

TRC Alton Geoscience- Irvine

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21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-14	Lab ID:	2004-12-0517 - 5
Sampled:	12/13/2004 10:46	Extracted:	12/22/2004 18:40
Matrix:	Water	QC Batch#:	2004/12/22-3C.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	12/22/2004 18:40	
Methyl tert-butyl ether (MTBE)	3.8	0.50	ug/L	1.00	12/22/2004 18:40	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	12/22/2004 18:40	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	12/22/2004 18:40	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	12/22/2004 18:40	
1,2-DCA	ND	0.50	ug/L	1.00	12/22/2004 18:40	
EDB	ND	0.50	ug/L	1.00	12/22/2004 18:40	
Ethanol	ND	50	ug/L	1.00	12/22/2004 18:40	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	113.7	73-130	%	1.00	12/22/2004 18:40	
Toluene-d8	107.4	81-114	%	1.00	12/22/2004 18:40	

**Gas/BTEX Fuel Oxygenates by 8260B**

TRC Alton Geoscience- Irvine

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Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

Prep(s): 5030B Test(s): 8260B  
 Sample ID: MW-6 Lab ID: 2004-12-0517 - 6  
 Sampled: 12/13/2004 10:47 Extracted: 12/22/2004 22:18  
 Matrix: Water QC Batch#: 2004/12/22-3C.64  
 Analysis Flag: L2 ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	27	10	ug/L	2.00	12/22/2004 22:18	
Methyl tert-butyl ether (MTBE)	130	1.0	ug/L	2.00	12/22/2004 22:18	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	2.00	12/22/2004 22:18	
Ethyl tert-butyl ether (ETBE)	ND	1.0	ug/L	2.00	12/22/2004 22:18	
tert-Amyl methyl ether (TAME)	ND	1.0	ug/L	2.00	12/22/2004 22:18	
1,2-DCA	ND	1.0	ug/L	2.00	12/22/2004 22:18	
EDB	ND	1.0	ug/L	2.00	12/22/2004 22:18	
Ethanol	ND	100	ug/L	2.00	12/22/2004 22:18	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	115.4	73-130	%	2.00	12/22/2004 22:18	
Toluene-d8	102.4	81-114	%	2.00	12/22/2004 22:18	

**Gas/BTEX Fuel Oxygenates by 8260B**

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Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

**Batch QC Report**

Prep(s): 5030B

**Method Blank**

MB: 2004/12/22-3C.64-012

**Water**

Test(s): 8260B

**QC Batch # 2004/12/22-3C.64**

Date Extracted: 12/22/2004 18:12

Compound	Conc.	RL	Unit	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	12/22/2004 18:12	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	12/22/2004 18:12	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	12/22/2004 18:12	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	12/22/2004 18:12	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	12/22/2004 18:12	
1,2-DCA	ND	0.5	ug/L	12/22/2004 18:12	
EDB	ND	0.5	ug/L	12/22/2004 18:12	
Ethanol	ND	50	ug/L	12/22/2004 18:12	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	108.0	73-130	%	12/22/2004 18:12	
Toluene-d8	109.0	81-114	%	12/22/2004 18:12	

**Gas/BTEX Fuel Oxygenates by 8260B**

TRC Alton Geoscience- Irvine

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Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

**Batch QC Report**

Prep(s): 5030B

Method Blank

MB: 2004/12/23-1C.62-047

Water

Test(s): 8260B

QC Batch # 2004/12/23-1C.62

Date Extracted: 12/23/2004 13:47

Compound	Conc.	RL	Unit	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	12/23/2004 13:47	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	12/23/2004 13:47	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	12/23/2004 13:47	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	12/23/2004 13:47	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	12/23/2004 13:47	
1,2-DCA	ND	0.5	ug/L	12/23/2004 13:47	
EDB	ND	0.5	ug/L	12/23/2004 13:47	
Ethanol	ND	50	ug/L	12/23/2004 13:47	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	107.2	73-130	%	12/23/2004 13:47	
Toluene-d8	97.4	81-114	%	12/23/2004 13:47	

**Gas/BTEX Fuel Oxygenates by 8260B**

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Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

**Batch QC Report**

Prep(s): 5030B

Method Blank

MB: 2004/12/24-1B:64-034

Water

Test(s): 8260B

QC Batch # 2004/12/24-1B:64

Date Extracted: 12/24/2004 08:34

Compound	Conc.	RL	Unit	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	12/24/2004 08:34	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	12/24/2004 08:34	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	12/24/2004 08:34	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	12/24/2004 08:34	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	12/24/2004 08:34	
1,2-DCA	ND	0.5	ug/L	12/24/2004 08:34	
EDB	ND	0.5	ug/L	12/24/2004 08:34	
Ethanol	ND	50	ug/L	12/24/2004 08:34	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	108.0	73-130	%	12/24/2004 08:34	
Toluene-d8	109.0	81-114	%	12/24/2004 08:34	

**Gas/BTEX Fuel Oxygenates by 8260B**

TRC Alton Geoscience- Irvine

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21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Water**

**QC Batch # 2004/12/22-3C.64**

LCS 2004/12/22-3C.64-050

Extracted: 12/22/2004

Analyzed: 12/22/2004 17:50

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	29.6		25	118.4			65-165	20		
<i>Surrogates(s)</i>										
1,2-Dichloroethane-d4	519		500	103.8			73-130			
Toluene-d8	525		500	105.0			81-114			

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

12/28/2004 11:19

**Gas/BTEX Fuel Oxygenates by 8260B**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2004/12/23-1C.62

LCS 2004/12/23-1C.62-026

Extracted: 12/23/2004

Analyzed: 12/23/2004 13:26

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	25.1		25	100.4			65-165	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	491		500	98.2			73-130			
Toluene-d8	499		500	99.8			81-114			

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Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Water**

**QC Batch # 2004/12/24-1B.64**

LCS 2004/12/24-1B.64-012

Extracted: 12/24/2004

Analyzed: 12/24/2004 08:12

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	28.0		25	112.0			65-165	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	546		500	109.2			73-130			
Toluene-d8	542		500	108.4			81-114			

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12/28/2004 11:19

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Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Matrix Spike ( MS / MSD )**

**Water**

**QC Batch # 2004/12/22-3C.64**

MW-14 >> MS

Lab ID: 2004-12-0517 - 005

MS: 2004/12/22-3C.64-023

Extracted: 12/22/2004

Analyzed: 12/22/2004 19:23

Dilution: 1.00

MSD: 2004/12/22-3C.64-051

Extracted: 12/22/2004

Analyzed: 12/22/2004 20:07

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	36.7	33.1	3.81	25	131.6	117.2	11.6	65-165	20		
<b>Surrogate(s)</b>											
1,2-Dichloroethane-d4	549	556		500	109.8	111.2		73-130			
Toluene-d8	529	537		500	105.9	107.4		81-114			

Severn Trent Laboratories, Inc.

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12/28/2004 11:19

**Gas/BTEX Fuel Oxygenates by 8260B**

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Irvine, CA 92718

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Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

Batch QC Report			
Prep(s):	5030B	Test(s):	8260B
<b>Matrix Spike ( MS / MSD )</b>		<b>Water</b>	<b>QC Batch # 2004/12/23-1C.62</b>
MS/MSD		Lab ID:	2004-12-0598 - 001
MS:	2004/12/23-1C.62-043	Extracted:	12/23/2004
		Analyzed:	12/23/2004 15:43
		Dilution:	1.00
MSD:	2004/12/23-1C.62-005	Extracted:	12/23/2004
		Analyzed:	12/23/2004 16:05
		Dilution:	1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	23.7	21.9	ND	25	94.8	87.6	7.9	65-165	20		
<i>Surrogate(s)</i>											
1,2-Dichloroethane-d4	476	493		500	95.1	98.7		73-130			
Toluene-d8	489	483		500	97.8	96.5		81-114			

Severn Trent Laboratories, Inc.

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12/28/2004 11:19

**Gas/BTEX Fuel Oxygenates by 8260B**

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Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Matrix Spike ( MS / MSD )**

**Water**

**QC Batch # 2004/12/24-1B.64**

MS/MSD

Lab ID: 2004-12-0578 - 001

MS: 2004/12/24-1B.64-003

Extracted: 12/24/2004

Analyzed: 12/24/2004 11:03

Dilution: 1.00

MSD: 2004/12/24-1B.64-025

Extracted: 12/24/2004

Analyzed: 12/24/2004 11:25

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	30.0	29.6	0.967	25	116.1	114.5	1.4	65-165	20		
<i>Surrogate(s)</i>											
1,2-Dichloroethane-d4	548	546		500	109.7	109.1		73-130			
Toluene-d8	544	545		500	108.8	109.0		81-114			

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12/28/2004 11:19

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21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

---

**Legend and Notes**

---

**Analysis Flag**

L2

Reporting limits were raised due to high level of analyte present in the sample.

**Gas/BTEX Compounds by 8015M/8021**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW-4	12/13/2004 10:45	Water	1
MW-3	12/13/2004 11:05	Water	2
MW-5	12/13/2004 11:25	Water	3
MW-9	12/13/2004 10:27	Water	4
MW-14	12/13/2004 10:46	Water	5
MW-6	12/13/2004 10:47	Water	6

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

12/28/2004 15:29

**Gas/BTEX Compounds by 8015M/8021**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	MW-4	Lab ID:	2004-12-0517 - 1
Sampled:	12/13/2004 10:45	Extracted:	12/22/2004 17:12
Matrix:	Water	QC Batch#:	2004/12/22-01:05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	69	50	ug/L	1.00	12/22/2004 17:12	Q1
Benzene	ND	0.50	ug/L	1.00	12/22/2004 17:12	
Toluene	ND	0.50	ug/L	1.00	12/22/2004 17:12	
Ethyl benzene	ND	0.50	ug/L	1.00	12/22/2004 17:12	
Xylene(s)	ND	0.50	ug/L	1.00	12/22/2004 17:12	
MTBE	ND	5.0	ug/L	1.00	12/22/2004 17:12	
<b>Surrogate(s)</b>						
Trifluorotoluene	108.1	58-124	%	1.00	12/22/2004 17:12	
4-Bromofluorobenzene-FID	80.0	50-150	%	1.00	12/22/2004 17:12	

**Gas/BTEX Compounds by 8015M/8021**

TRC Alton Geoscience- Irvine

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Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

Prep(s): 5030	Test(s): 8015M
5030	8021B
Sample ID: MW-3	Lab ID: 2004-12-0517 - 2
Sampled: 12/13/2004 11:05	Extracted: 12/22/2004 17:45
Matrix: Water	QC Batch#: 2004/12/22-01:05
Analysis Flag: L2 ( See Legend and Note Section )	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	780	250	ug/L	5.00	12/22/2004 17:45	Q1
Benzene	ND	2.5	ug/L	5.00	12/22/2004 17:45	
Toluene	ND	2.5	ug/L	5.00	12/22/2004 17:45	
Ethyl benzene	4.1	2.5	ug/L	5.00	12/22/2004 17:45	
Xylene(s)	ND	2.5	ug/L	5.00	12/22/2004 17:45	
MTBE	27	25	ug/L	5.00	12/22/2004 17:45	
<b>Surrogate(s)</b>						
Trifluorotoluene	107.6	58-124	%	5.00	12/22/2004 17:45	
4-Bromofluorobenzene-FID	77.7	50-150	%	5.00	12/22/2004 17:45	

**Gas/BTEX Compounds by 8015M/8021**

TRC Alton Geoscience- Irvine

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Irvine, CA 92718

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Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

Prep(s): 5030	Test(s): 8015M
5030	8021B
Sample ID: MW-5	Lab ID: 2004-12-0517 - 3
Sampled: 12/13/2004 11:25	Extracted: 12/22/2004 18:18
Matrix: Water	QC Batch#: 2004/12/22-01.05
Analysis Flag: L2 ( See Legend and Note Section )	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	980	250	ug/L	5.00	12/22/2004 18:18	Q1
Benzene	ND	2.5	ug/L	5.00	12/22/2004 18:18	
Toluene	ND	2.5	ug/L	5.00	12/22/2004 18:18	
Ethyl benzene	ND	2.5	ug/L	5.00	12/22/2004 18:18	
Xylene(s)	ND	2.5	ug/L	5.00	12/22/2004 18:18	
MTBE	150	25	ug/L	5.00	12/22/2004 18:18	
<b>Surrogate(s)</b>						
Trifluorotoluene	103.3	58-124	%	5.00	12/22/2004 18:18	
4-Bromofluorobenzene-FID	76.0	50-150	%	5.00	12/22/2004 18:18	

**Gas/BTEX Compounds by 8015M/8021**

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Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

Prep(s):	5030	Test(s):	8015M
	5030		8021B
Sample ID:	MW-9	Lab ID:	2004-12-0517 - 4
Sampled:	12/13/2004 10:27	Extracted:	12/22/2004 18:50
Matrix:	Water	QC Batch#:	2004/12/22-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	12/22/2004 18:50	
Benzene	ND	0.50	ug/L	1.00	12/22/2004 18:50	
Toluene	ND	0.50	ug/L	1.00	12/22/2004 18:50	
Ethyl benzene	ND	0.50	ug/L	1.00	12/22/2004 18:50	
Xylene(s)	ND	0.50	ug/L	1.00	12/22/2004 18:50	
MTBE	ND	5.0	ug/L	1.00	12/22/2004 18:50	
<b>Surrogate(s)</b>						
Trifluorotoluene	96.6	58-124	%	1.00	12/22/2004 18:50	
4-Bromofluorobenzene-FID	70.5	50-150	%	1.00	12/22/2004 18:50	

**Gas/BTEX Compounds by 8015M/8021**

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Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

Prep(s):	5030	Test(s):	8015M
	5030		8021B
Sample ID:	MW-14	Lab ID:	2004-12-0517 - 5
Sampled:	12/13/2004 10:46	Extracted:	12/22/2004 19:23
Matrix:	Water	QC Batch#:	2004/12/22-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	12/22/2004 19:23	
Benzene	ND	0.50	ug/L	1.00	12/22/2004 19:23	
Toluene	ND	0.50	ug/L	1.00	12/22/2004 19:23	
Ethyl benzene	ND	0.50	ug/L	1.00	12/22/2004 19:23	
Xylene(s)	ND	0.50	ug/L	1.00	12/22/2004 19:23	
MTBE	ND	5.0	ug/L	1.00	12/22/2004 19:23	
<b>Surrogate(s)</b>						
Trifluorotoluene	111.8	58-124	%	1.00	12/22/2004 19:23	
4-Bromofluorobenzene-FID	81.2	50-150	%	1.00	12/22/2004 19:23	

**Gas/BTEX Compounds by 8015M/8021**

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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

Prep(s): 5030	Test(s): 8015M
5030	8021B
Sample ID: MW-6	Lab ID: 2004-12-0517 - 6
Sampled: 12/13/2004 10:47	Extracted: 12/22/2004 19:55
Matrix: Water	QC Batch#: 2004/12/22-01.05
Analysis Flag: L2. ( See Legend and Note Section )	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	1900	250	ug/L	5.00	12/22/2004 19:55	Q1
Benzene	ND	2.5	ug/L	5.00	12/22/2004 19:55	
Toluene	ND	2.5	ug/L	5.00	12/22/2004 19:55	
Ethyl benzene	ND	2.5	ug/L	5.00	12/22/2004 19:55	
Xylene(s)	ND	2.5	ug/L	5.00	12/22/2004 19:55	
MTBE	140	25	ug/L	5.00	12/22/2004 19:55	
<b>Surrogate(s)</b>						
Trifluorotoluene	114.5	58-124	%	5.00	12/22/2004 19:55	
4-Bromofluorobenzene-FID	87.1	50-150	%	5.00	12/22/2004 19:55	

**Gas/BTEX Compounds by 8015M/8021**

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Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

**Batch QC Report**

Prep(s): 5030  
5030

**Method Blank**

MB: 2004/12/22-01.05-004

**Water**

Test(s): 8015M  
8021B

**QC Batch # 2004/12/22-01.05**

Date Extracted: 12/22/2004 10:08

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	12/22/2004 10:08	
Benzene	ND	0.5	ug/L	12/22/2004 10:08	
Toluene	ND	0.5	ug/L	12/22/2004 10:08	
Ethyl benzene	ND	0.5	ug/L	12/22/2004 10:08	
Xylene(s)	ND	0.5	ug/L	12/22/2004 10:08	
MTBE	ND	5.0	ug/L	12/22/2004 10:08	
<b>Surrogates(s)</b>					
Trifluorotoluene	110.6	58-124	%	12/22/2004 10:08	
4-Bromofluorobenzene-FID	81.4	50-150	%	12/22/2004 10:08	

**Gas/BTEX Compounds by 8015M/8021**

TRC Alton Geoscience- Irvine

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Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

**Batch QC Report**

Prep(s): 5030

Test(s): 8021B

**Laboratory Control Spike**

**Water**

**QC Batch # 2004/12/22-01.05**

LCS 2004/12/22-01.05-005

Extracted: 12/22/2004

Analyzed: 12/22/2004 10:41

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	51.8		50.0	103.6			77-123	20		
Toluene	51.0		50.0	102.0			78-122	20		
Ethyl benzene	48.7		50.0	97.4			70-130	20		
Xylene(s)	147		150	98.0			75-125	20		
<b>Surrogates(s)</b>										
Trifluorotoluene	555		500	111.0			58-124			

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

12/28/2004 15:29

Page 9 of 13

**Gas/BTEX Compounds by 8015M/8021**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

**Batch QC Report**

Prep(s): 5030

Test(s): 8015M

Laboratory Control Spike

Water

QC Batch # 2004/12/22-01.05

LCS 2004/12/22-01.05-006

Extracted: 12/22/2004

Analyzed: 12/22/2004 11:13

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Gasoline	244		250	97.6			75-125	20		
<i>Surrogates(s)</i>										
4-Bromofluorobenzene-FID	452		500	90.4			50-150			

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12/28/2004 15:29

**Gas/BTEX Compounds by 8015M/8021**

TRC Alton Geoscience- Irvine

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Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

**Batch QC Report**

Prep(s): 5030

Test(s): 8021B

**Matrix Spike ( MS / MSD )**

**Water**

**QC Batch # 2004/12/22-01.05**

MS/MSD

Lab ID: 2004-12-0546 - 002

MS: 2004/12/22-01.05-008

Extracted: 12/22/2004

Analyzed: 12/22/2004 12:25

Dilution: 25.00

MSD: 2004/12/22-01.05-009

Extracted: 12/22/2004

Analyzed: 12/22/2004 12:58

Dilution: 25.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	1490	1460	174	1250	105.3	102.9	2.3	65-135	20		
Toluene	1540	1590	223	1250	105.4	109.4	3.7	65-135	20		
Ethyl benzene	1540	1610	315	1250	98.0	103.6	5.6	65-135	20		
Xylene(s)	5730	6020	2110	3750	96.5	104.3	7.8	65-135	20		
<b>Surrogate(s)</b>											
Trifluorotoluene	548	508		500	109.6	101.6		58-124			

Severn Trent Laboratories, Inc.

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12/28/2004 15:29

**Gas/BTEX Compounds by 8015M/8021**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

**Batch QC Report**

Prep(s): 5030

Test(s): 8015M

**Matrix Spike ( MS / MSD )**

**Water**

**QC Batch # 2004/12/22-01.05**

MS/MSD

Lab ID: 2004-12-0546 - 002

MS: 2004/12/22-01.05-010

Extracted: 12/22/2004

Analyzed: 12/22/2004 13:30

Dilution: 25.00

MSD: 2004/12/22-01.05-011

Extracted: 12/22/2004

Analyzed: 12/22/2004 14:02

Dilution: 25.00

Compound	Conc. ug/L			Spk. Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Gasoline	17800	18000	13000	6250	76.8	80.0	4.1	65-135	20		
<i>Surrogate(s)</i> 4-Bromofluorobenzene-FID	471	463		500	94.2	92.6		50-150			

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12/28/2004 15:29

**Gas/BTEX Compounds by 8015M/8021**

TRC Alton Geoscience- Irvine

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Project: 41050001FA20

Conoco Phillips # 4320

Received: 12/13/2004 17:45

Site: 370 Sebastopol Rd./ Santa Rosa

---

**Legend and Notes**

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**Analysis Flag**

L2

Reporting limits were raised due to high level of analyte present in the sample.

**Result Flag**

Q1

Quantit. of unknown hydrocarbon(s) in sample based on gasoline.

STL San Francisco

Sample Receipt Checklist

Submission #: 2004- 12 - 0517

Checklist completed by: (Initials) MV Date: 12, 14 /04

Courier name:  STL San Francisco  Client \_\_\_\_\_

Custody seals intact on shipping container/samples Yes \_\_\_ No \_\_\_ Not Present

Chain of custody present? Yes  No \_\_\_

Chain of custody signed when relinquished and received? Yes  No \_\_\_

Chain of custody agrees with sample labels? Yes  No \_\_\_

Samples in proper container/bottle? Yes  No \_\_\_

Sample containers intact? Yes  No \_\_\_

Sufficient sample volume for indicated test? Yes  No \_\_\_

All samples received within holding time? Yes  No \_\_\_

Container/Temp Blank temperature in compliance ( $4^{\circ}\text{C} \pm 2$ )? Temp: 2  $^{\circ}\text{C}$  Yes  No \_\_\_

Potential reason for  $> 6^{\circ}\text{C}$ : Ice melted  Ice in bags  Not enough ice  Not enough blue ice  Samples in boxes

Sampled  $< 4\text{hr}$  ago?  Ice not required (e.g. air or bulk sample)  Ice Present Yes  No \_\_\_

Water - VOA vials have zero headspace? No VOA vials submitted \_\_\_ Yes  No \_\_\_

(if bubble is present, refer to approximate bubble size and itemize in comments as S (small ~O), M (medium ~ O) or L (large ~ O))

Water - pH acceptable upon receipt?  Yes  No

pH adjusted- Preservative used:   $\text{HNO}_3$    $\text{HCl}$    $\text{H}_2\text{SO}_4$    $\text{NaOH}$    $\text{ZnOAc}$  -Lot #(s) \_\_\_\_\_

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments: \_\_\_\_\_  
\_\_\_\_\_

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/04 Client contacted:  Yes  No

Summary of discussion: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Corrective Action (per PM/Client): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

96615

ConocoPhillips Chain Of Custody Record

STL-San Francisco  
 1220 Quarry Lane  
 Pleasanton, CA 94566  
 (925) 484-1919 (925) 484-1096 fax

ConocoPhillips Site Manager: **2004-12-0517**  
 INVOICE REMITTANCE ADDRESS:  
 CONOCOPHILLIPS  
 Attn: Dee Hutchinson  
 3611 South Harbor, Suite 200  
 Santa Ana, CA. 92704

ConocoPhillips Work Order Number: **1245 TRC500**  
 ConocoPhillips Cost Object

GLOBAL ID NO.: **T0609700199**  
 CONOCOPHILLIPS SITE MANAGER: **THOMAS KOSEL**

CONOCOPHILLIPS SITE NUMBER: **4320**  
 SITE ADDRESS (Street and City): **370 SEBASTOPOL RD / SANTA REXA**

PHONE NO.: **949-341-7408**  
 E-MAIL: **Peter Thomson, TRC**  
**pthomson@trcsolutions.com**

EDF DELIVERABLE TO (R# or Designee):

SAMPLING COMPANY: **TRC**

ADDRESS: **21 Technology Drive, Irvine CA 92618**

PROJECT CONTACT (Hardcopy or PDF Report to):

TELEPHONE: **949-341-7440**  
 FAX: **949-753-0111**  
 E-MAIL: **afarfan@trcsolutions.com**

SAMPLER NAME(S) (Print): **Rick Travis**  
 CONSULTANT PROJECT NUMBER: **41050001/FA20**

TURNAROUND TIME (CALENDAR DAYS):  
 14 DAYS  7 DAYS  72 HOURS  48 HOURS  24 HOURS  LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES:  CHECK BOX IF EDF IS NEEDED

REQUESTED ANALYSES

LAB USE ONLY	Sample Identification/Field Point Name*	DATE	TIME	MATRIX	NO. OF CONT.	8015m - TPHg/BTEX/MIB	8260B - TPHg / BTEX / 8 Oxygenates	8260B - TPHg / BTEX / 8 Oxygenates + methanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8270C - Semi-Volatiles	8015M / 8021B - TPHg/BTEX/MIB	Lead <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> DTCLP	TRH-6 By 8015M	BTEX/MIB by 8021	8 oxy by 8260 B
	MW-4	12/13		G.W	6		X	X					X		
	MW-3				9		X	X							
	MW-5				9		X	X							
	MW-9				9		X	X							
	MW-14				9		X	X							
	MW-6				9		X	X							

FIELD NOTES:  
 Container/Preservative or PID Readings or Laboratory Notes  
**20C**  
**VOAS w/HAL**

TEMPERATURE ON RECEIPT °C

Requisitioned by (Signature): *[Signature]* Date: **12/13/04** Time: **1315**

Requisitioned by (Signature): *[Signature]* Date: **12/13/04** Time: **1315**

Requisitioned by (Signature): *[Signature]* Date: **12.13.04** Time: **1500**

Recd for Lab: Denise Harrington 12.13.04 1745  
 9/19/03 Revision

## **STATEMENTS**

### **Purge Water Disposal**

Non-hazardous groundwater produced during purging and sampling was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water suspected of containing potentially hazardous material, such as liquid-phase hydrocarbons, was accumulated separately in a drum for transportation and disposal by Filter Recycling, Inc.

### **Limitations**

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.